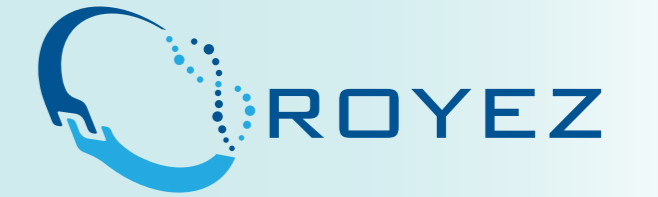
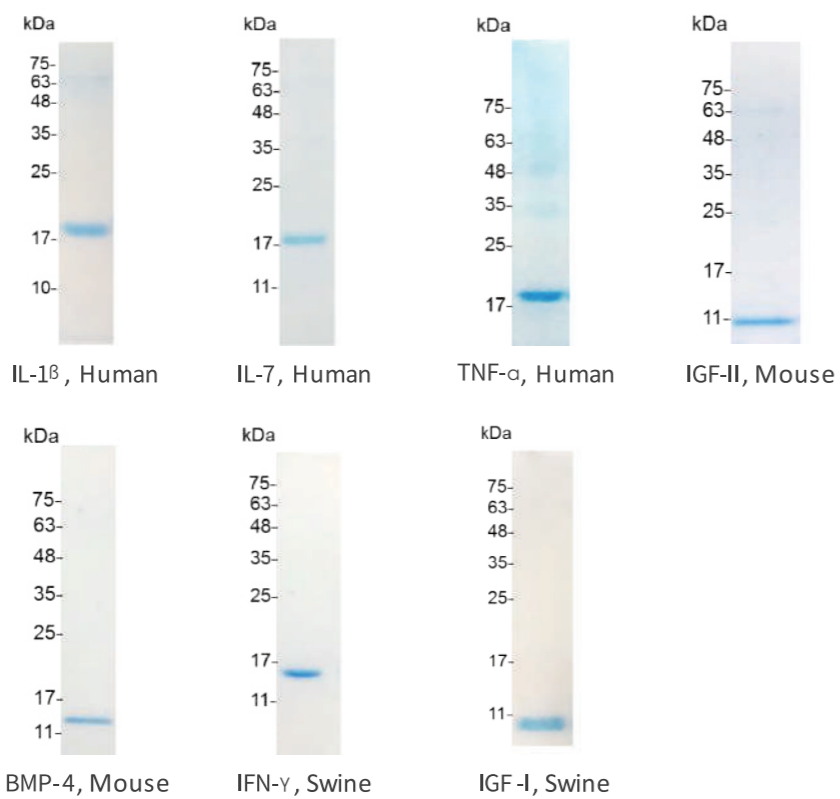


## Mouse Related Protein

Cat.	Name	Cat.	Name	Cat.	Name
C02001	IL-1 alpha, Mouse	C02040	IL-36RA, Mouse	C02079	CXCL9, Mouse
C02002	IL-1 beta, Mouse	C02041	IL-38, Mouse	C02080	CXCL10, Mouse
C02003	IL-1RA, Mouse	C02042	TNF alpha, Mouse	C02081	CXCL11, Mouse
C02004	IL-2, Mouse	C02043	TNF beta, Mouse	C02082	CXCL12, Mouse
C02005	IL-3, Mouse	C02044	BAFF, Mouse	C02083	CXCL16, Mouse
C02006	IL-4, Mouse	C02045	CD27L, Mouse	C02084	CCL2, Mouse
C02007	IL-5, Mouse	C02046	FasL, Mouse	C02085	CCL3, Mouse
C02008	IL-6, Mouse	C02047	LIGHT, Mouse	C02086	CCL4, Mouse
C02009	IL-7, Mouse	C02048	RANKL, Mouse	C02087	CDNF, Mouse
C02010	IL-9, Mouse	C02049	TRAIL, Mouse	C02088	CNTF, Mouse
C02011	IL-10, Mouse	C02050	TWEAK, Mouse	C02089	GDNF, Mouse
C02012	IL-11, Mouse	C02051	OX40L, Mouse	C02090	Midkine, Mouse
C02013	IL-12 p35, Mouse	C02052	BMP-4, Mouse	C02091	Neurturin, Mouse
C02014	IL-12 p40, Mouse	C02053	IFN alpha 1a, Mouse	C02092	beta-NGF, Mouse
C02015	IL-13, Mouse	C02054	IFN beta 1a, Mouse	C02093	RAGE, Mouse
C02016	IL-15, Mouse	C02055	IFN gamma, Mouse		
C02017	IL-16, Mouse	C02056	HMGB1, Mouse		
C02018	IL-17A, Mouse	C02057	41BBL, Mouse		
C02019	IL-17B, Mouse	C02058	Flt-3 Ligand, Mouse		
C02020	IL-17D, Mouse	C02059	LIF, Mouse		
C02021	IL-17F, Mouse	C02060	TGF beta 1, Mouse		
C02022	IL-18, Mouse	C02061	FGF-2, Mouse		
C02023	IL-19, Mouse	C02062	IGF-I, Mouse		
C02024	IL-20, Mouse	C02063	IGF-II, Mouse		
C02025	IL-21, Mouse	C02064	GM-CSF, Mouse		
C02026	IL-22, Mouse	C02065	M-CSF, Mouse		
C02027	IL-23 p19, Mouse	C02066	G-CSF, Mouse		
C02028	IL-24, Mouse	C02067	Activin B, Mouse		
C02029	IL-25, Mouse	C02068	EGF, Mouse		
C02030	IL-27 EB13, Mouse	C02069	MIF, Mouse		
C02031	IL-28A, Mouse	C02070	HDGF, Mouse		
C02032	IL-28B, Mouse	C02071	VEGF 121, Mouse		
C02033	IL-30, Mouse	C02072	VEGF 165, Mouse		
C02034	IL-31, Mouse	C02073	CXCL1, Mouse		
C02035	IL-33, Mouse	C02074	CXCL2, Mouse		
C02036	IL-34, Mouse	C02075	CXCL3, Mouse		
C02037	IL-36 alpha, Mouse	C02076	CXCL5, Mouse		
C02038	IL-36 beta, Mouse	C02077	CXCL7 (40-113), Mouse		
C02039	IL-36 gamma, Mouse	C02078	CXCL7 (48-109), Mouse		

## Swine Related Proteins

Cat.	Name
C03001	IL-1 alpha, Swine
C03002	IL-1 beta, Swine
C03003	IL-2, Swine
C03004	IL-4, Swine
C03005	IL-6, Swine
C03006	IL-8, Swine
C03007	IL-10, Swine
C03008	IL-15, Swine
C03009	IL-17A, Swine
C03010	TNF alpha, Swine
C03011	BMP-4, Swine
C03012	IFN gamma, Swine
C03013	HMGB1, Swine
C03014	Flt-3 Ligand, Swine
C03015	TGF beta 1, Swine
C03016	FGF-2, Swine
C03017	IGF-I, Swine
C03018	GM-CSF, Swine
C03019	VEGF, Swine
C03020	EGF, Swine
C03021	TPO, Swine
C03022	CXCL9, Swine
C03023	CXCL10, Swine
C03024	CXCL11, Swine
C03025	CXCL13, Swine
C03026	CCL2, Swine



The word "Croyez" is French.

It means believe.

The base form of the verb is croire.

When the subject is you,

this verb should be transformed as "Croyez".

Therefore, "Croyez" means

the products worth for your trust.



E-mail: [info@croyezbio.com](mailto:info@croyezbio.com)  
[www.croyezbio.com](http://www.croyezbio.com)

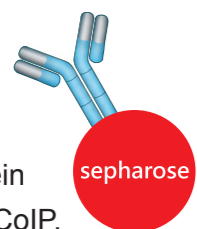
Nowadays recombinant protein and antibody development are the most important filed in biological research, scientists devoted to the development of related application. To provide highest-quality products, Croyez Inc. has launched a series of products. Each product are manufactured with ISO13480 standard and GMP guidelines. To accomplish every research efficiently, we provide "Croyez" to fulfill all of your creativity needs in biomedical fields.

## Strongly Recommend :

1. Protein purification beads and kits
2. Protein conjugation kit
3. Beads - antibody / Protein / Small molecule conjugation service
4. Recombinant protein : Cytokine, Chemokine, Growth Factor, Enzyme, Neurotrophin, etc.

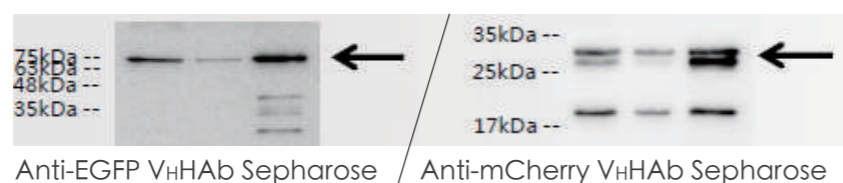
## Advantage

- Suitable for every kind of protein expression systems including CoIP, ChIP and soon.
- Suitable for techniques .
- High binding affinity of Sepharose and antibody, increasing efficiency of protein purification.
- Suitable for downstream experiment, eq. protein identification.



## Protein Purification Beads and Kits

Name	Protein purification Beads(Cat. No.)	Protein purification kits(Cat. No.)
Mouse anti-cMyc tag mAb	C07001	C07001-K01
Mouse anti-HA tag mAb	C07002	C07002-K01
Mouse anti-V5 tag mAb	C07003	C07003-K01
Mouse anti-GST tag mAb	C07004	C07004-K01
Anti-EGFP V <sub>H</sub> HAb	C07009	C07009-K01
Mouse anti-SUMO mAb	C070010	C070010-K01
Anti-mCherry V <sub>H</sub> HAb	C070011	C070011-K01
Goat anti-mouse IgG pAb	C070012	-
Goat anti-rabbit IgG pAb	C070013	-
Protein A	C07005	C07005-K01
Protein G	C07006	C07006-K01
Streptavidin	C07007	C07007-K01
Ni-NTA	C07008	C07008-K01



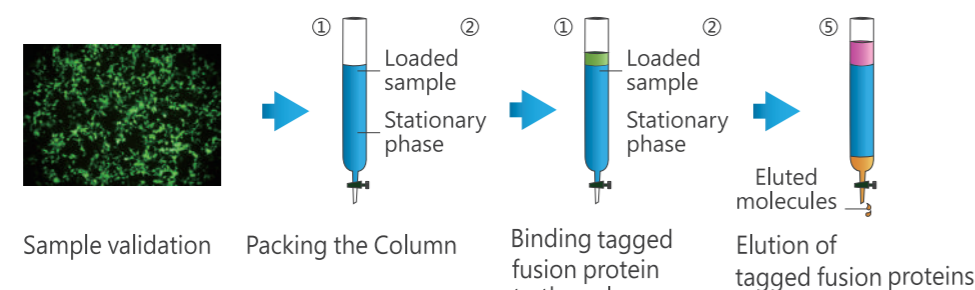
## Mouse anti-EGFP mAb purification bead / kit - Strongly Recommend

GFP-fusion proteins are usually used in many kinds of experiments and qualified the result of them. Using Mouse anti-EGFP mAb purification bead/ kit to purify EGFP tagged fusion protein, it can save time and decrease protein mutation rate.

Packing Method	Large Packing	Small Packing
Convenience	Poor (Need packing machines and equipment)	Best (Suitable small volume production and test)
Time	Long (~ 4 hrs)	Short (~ 2 hrs)
Yield	20 mg/ 1ml Gel	0.1 ~ 1 mg/ 1ml Gel

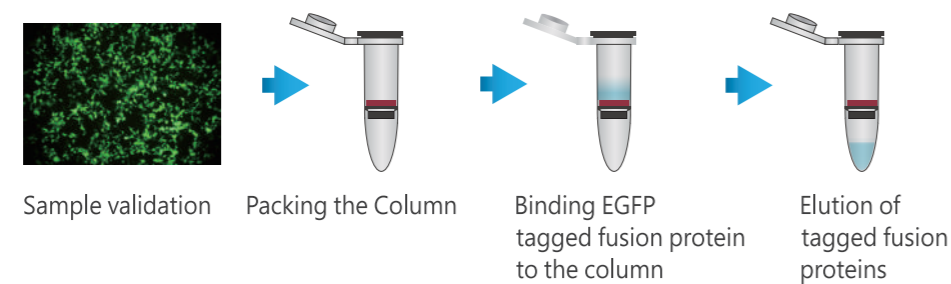
### Traditional method

- Large packing
- More steps, and low reproducibility
- Packing machines and equipment required.
- Suitable for large - quantify production.



### Croyez method

- Small packing
- Easy steps, and safe time
- Eppendorf required
- Suitable for Small - volume production

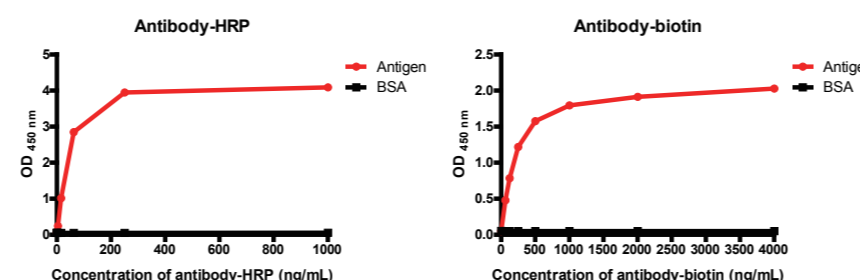


## Protein Conjugated Kit

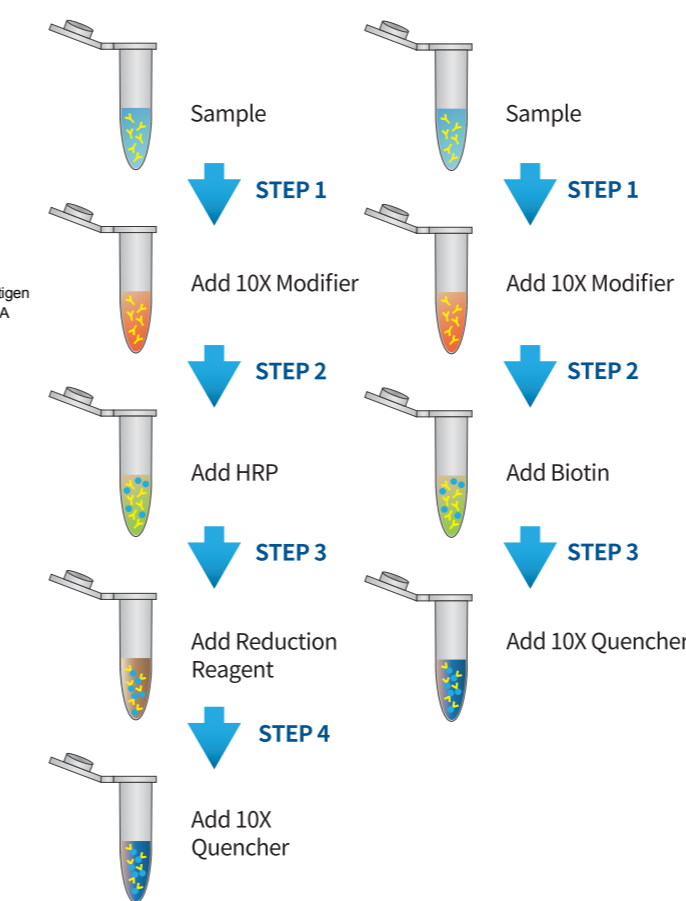
Croyez Inc. provides HRP and biotin conjugation rit a smart and direct one-step method for labeling target protein, antibody efficiently. Conjugated products can be in various application including ELISA, western Blot: Immunohistochemistry and flow cytometry.

- HRP Conjugation Kit
- Biotin Conjugation Kit

※ The labeling efficiency of HRP and Biotin can be determined from the efficiency of antibody-antigen binding.



## HRP Conjugation Kit



## Advantages

1. High efficiency for labeling
2. Simple and fast

## Beads-Antibody / Protein / Small Molecule Conjugation Service

Principle

Activate the sepharose and bind to the target antibody (protein) through the specific functional group.

Procedure

Requirement confirmation → Sample (antibody protein) provide → Conjugation → QC

Advantages

1. Not limited to the commercial purification tools. According to our client's experiment-design and needs, conjugate the antibody or protein to the molecule(resin) by our professional technique platform to achieve the purpose of following up experiments such as protein purification or specific protein isolation.
2. Check the conjugation efficiency by performing QC.

Sample Requirements

Provide > 1mg antibody / protein / small molecule by customers. Customer provides : > 1mg antibody / protein, small molecule

Deliverables Details

5-10 mg protein or antibody / ml sepharose. 0.1-1 mg small mole molecule / ml sepharose.

## Recombinant Protein

Types: Cytokine, Chemokine, Growth factor, Enzyme, Neurotrophin, etc.

Source: Prokaryote / Mammalian cell

Applications: Recombinant protein drug / Cell culture supplement / Cosmetic Ingredient

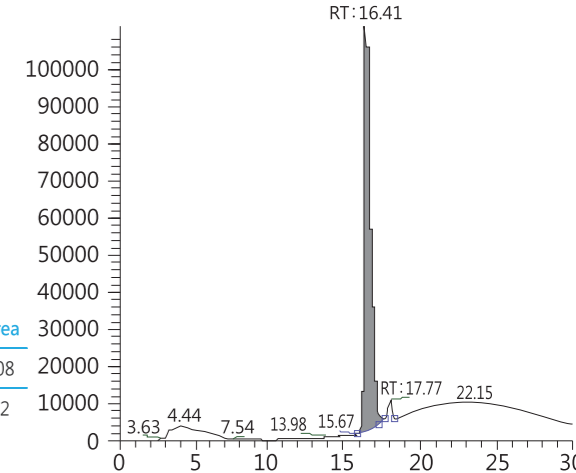
## Advantages

- Manufactured according to standards
- Wide range of different kind of protein
- HPLC data
- ED<sub>50</sub> testing data
- Proteins activity is better than competitors

Peak #	RT(min)	Height	Area	%Area
#1	16.41	1.06E+05	2.37E+06	97.08
#2	17.77	5.16E+03	7.15E+04	2.92

## Interleukin-1 beta, Human

RT:0.00-30.01 SM:7B



Protein	ED <sub>50</sub>		Assay
	Croyez	Competitor	
IFN gamma	0.99 ng/mL	0.5-1 ng/mL	IFN gamma induces cytotoxicity in HT29 cells.
TNF alpha	0.1 pg/mL	25-100 pg/mL	TNF alpha induces cytotoxicity in HT29 cells.
IGF-1	0.908 ng/mL	0.3-1.5 ng/mL	IGF-1 stimulates proliferation in MCF 7.
BMP-4	0.579 ng/mL	2.5-15 ng/mL	BMP-4 induces ALP production in ATDC5.L
FGF-6	0.074 ng/mL	0.1-0.3 ng/mL	FGF-6 stimulates proliferation in 3T3.

## Human Related Proteins

Cat.	Cat.	Cat.	Cat.	Cat.	Cat.
C01001	IL-1 alpha, Human	C01040	IL-34, Human	C01079	IFN beta 1a, Human
C01002	IL-1 beta, Human	C01041	IL-36 alpha, Human	C01080	IFN gamma, Human
C01003	IL-1RA, Human	C01042	IL-36 beta, Human	C01081	IFN omega, Human
C01004	IL-2, Human	C01043	IL-36 gamma, Human	C01082	HMGBl, Human
C01005	IL-3, Human	C01044	IL-36 RA, Human	C01083	HMGb2, Human
C01006	IL-4, Human	C01045	IL-37, Human	C01084	41BBL, Human
C01007	IL-5, Human	C01046	IL-38, Human	C01085	Flt-3 Ligand, Human
C01008	IL-6, Human	C01047	TNF alpha, Human	C01086	LIF, Human
C01009	IL-7, Human	C01048	TNF beta, Human	C01087	TGF alpha, Human
C01010	IL-8 (72 a.a.), Human	C01049	APRIL, Human	C01088	TGF beta1, Human
C01011	IL-9, Human	C01050	AITRL, Human	C01089	TGF beta2, Human
C01012	IL-10, Human	C01051	BAFF, Human	C01090	TGF beta3, Human
C01013	IL-11, Human	C01052	CD27L, Human	C01091	FGF-1, Human
C01014	IL-12 p35, Human	C01053	CD30L, Human	C01092	CD30L (154 a.a.), Human
C01015	IL-12 p40, Human	C01054	CD40L, Human	C01093	FGF-3, Human
C01016	IL-13, Human	C01055	FasL, Human	C01094	FGF-4, Human
C01017	IL-15, Human	C01056	LIGHT, Human	C01095	FGF-5, Human
C01018	IL-16 (129 a.a.), Human	C01057	OX40L, Human	C01096	FGF-6, Human
C01019	IL-17A, Human	C01058	RANKL, Human	C01097	FGF-8a, Human
C01020	IL-17B, Human	C01059	TRAIL, Human	C01098	FGF-8b, Human
C01021	IL-17D, Human	C01060	Tl1A, Human	C01099	FGF-9, Human
C01022	IL-17F, Human	C01061	TWEAK, Human	C01100	FGF-10, Human
C01023	IL-18, Human	C01062	BMP-2, Human	C01101	FGF-11 isoform 1, Human
C01024	IL-19, Human	C01063	BMP-3, Human	C01102	FGF-11 isoform 2, Human
C01025	IL-20, Human	C01064	BMP-4, Human	C01103	FGF-12, Human
C01026	IL-21, Human	C01065	BMP-5, Human	C01104	FGF-13, Human
C01027	IL-22, Human	C01066	BMP-6, Human	C01105	FGF-14, Human
C01028	IL-23,p19 Human	C01067	BMP-7, Human	C01106	FGF-16, Human
C01029	IL-24, Human	C01068	BMP-8a, Human	C01107	FGF-17, Human
C01030	IL-25, Human	C01069	BMP-8b, Human	C01108	FGF-18, Human
C01031	IL-26, Human	C01070	BMP-9, Human	C01109	FGF-19, Human
C01032	IL-27 EB13, Human	C01071	BMP-10, Human	C01110	FGF-20, Human
C01033	IL-28A, Human	C01072	BMP-11, Human	C01111	FGF-21, Human
C01034	IL-28B, Human	C01073	BMP-12, Human	C01112	FGF-22, Human
C01035	IL-29, Human	C01074	BMP-13, Human	C01113	FGF-23, Human
C01036	IL-30, Human	C01075	BMP-14, Human	C01114	IGF-1, Human
C01037	IL-31, Human	C01076	BMP-15, Human	C01115	IGF-II, Human
C01038	IL-32 alpha, Human	C01077	BMP-16, Human	C01116	GM-CSF, Human
C01039	IL-33, Human	C01078	IFN alpha 1a, Human	C01117	M-CSF, Human
C01118	G-CSF, Human	C01157	Galectin-2, Human		
C01119	Activin A, Human	C01158	Galectin-3, Human		
C01120	Activin B, Human	C01159	Galectin-4, Human		
C01121	EGF, Human	C01160	Galectin-7, Human		
C01122	MIF, Human	C01161	Galectin-8, Human		
C01123	HDGF, Human	C01162	Galectin-9, Human		
C01124	VEGF (121 a.a.), Human	C01163	Galectin-10, Human		
C01125	VEGF 165, Human	C01164	Galectin-12, Human		
C01126	TPO, Human	C01165	Galectin-13, Human		
C01127	CXCL1, Human	C01166	Galectin-14, Human		
C01128	CXCL2, Human	C01167	Galectin-16, Human		
C01129	CXCL3, Human	C01168	Annexin V, Human		
C01130	CXCL4, Human	C01169	GIF, Human		
C01131	CXCL5, Human	C01170	CD326, Human		
C01132	CXCL6, Human	C01171	RAGE, Human		
C01133	CXCL7, Human				
C01134	CXCL9, Human				
C01135	CXCL10, Human				
C01136	CXCL11, Human				
C01137	CXCL12 (24-88), Human				
C01138	CXCL13, Human				
C01139	CCL2, Human				
C01140	CCL3, Human				
C01141	CCL4, Human				
C01142	MMP7 (proenzyme), Human				
C01143	MMP2 (active), Human				
C01144	MMP7 (active), Human				
C01145	PGAS, Human				
C01146	CHI3L1, Human				
C01147	OGG1, Human				
C01148	BDNF, Human				
C01149	CDNF, Human				
C01150	CNTF, Human				
C01151	GDNF, Human				
C01152	Midkine, Human				
C01153	Neurturin, Human				
C01154	beta-NGF, Human				
C01155	Pleiotrophin, Human				
C01156	Galectin-1, Human				