

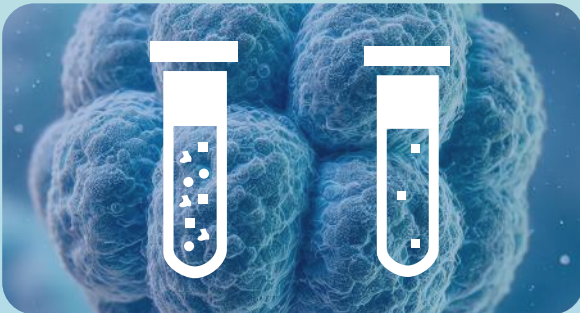
# GFP VHH Bead and mCherry Bead Applications and Advantages



▶ GFP VHH bead and mCherry bead are high-affinity immunomagnetic beads that specifically bind GFP or mCherry using single-domain antibodies (VHH). These highly efficient and sensitive tools are ideal for protein purification, protein-protein interaction studies, and cellular research. Their small size, high specificity, and stability make them valuable in molecular biology and drug discovery.

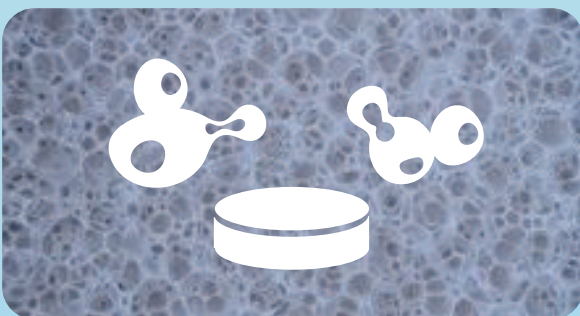
## Applications

### Purification of GFP/mCherry-Tagged Proteins



#### Immunoprecipitation (IP) & Co-IP :

Efficient purification of GFP/mCherry-tagged proteins and interacting partners with higher affinity and lower background noise than traditional antibody-conjugated beads.



#### Affinity Purification :

Ideal for recombinant protein production in E. coli, yeast, and mammalian expression systems.

### Protein-Protein Interaction Studies



#### Pull-down Assay :

Enables the identification of interaction partners in signaling pathways and protein networks.

## Advantages

1

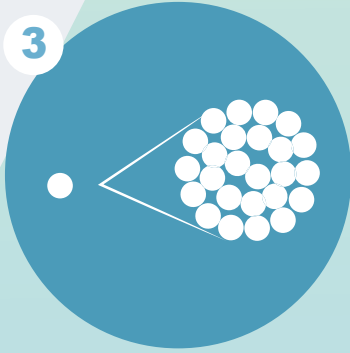
### High Affinity & Specificity

ensure strong and precise binding to GFP/mCherry for efficient capture.

2

**Minimal Background Noise** reduces non-specific binding and prevents Fc-related interference for cleaner results.

3



### Small Size :

VHH antibodies (~15 kDa) improve accessibility and reduce steric hindrance.

4



### Enhanced Stability :

Resistant to harsh conditions (pH, temperature, detergents), ensuring reliable performance.

5



### Versatile & Scalable :

Compatible with various expression systems and research applications.

## Product Categories

Cat#	product	Package
C07009-250UL	Anti-EGFP sepharose	0.25 mL
C07009-2ML	Anti-EGFP sepharose	2 mL
C07009-5ML	Anti-EGFP sepharose	5 mL
C07011-250UL	Anti-mCherry sepharose	0.25 mL
C07011-2ML	Anti-mCherry sepharose	2 mL
C07011-5ML	Anti-mCherry sepharose	5 mL
Cat#	product	Package
C07009-K01	Anti-EGFP sepharose Purification kit	5 rxns
C07009-K02	Anti-EGFP sepharose Purification kit	10 rxns
C07011-K01	Anti-mCherry sepharose Purification kit	5 rxns
C07011-K02	Anti-mCherry sepharose Purification kit	10 rxns

