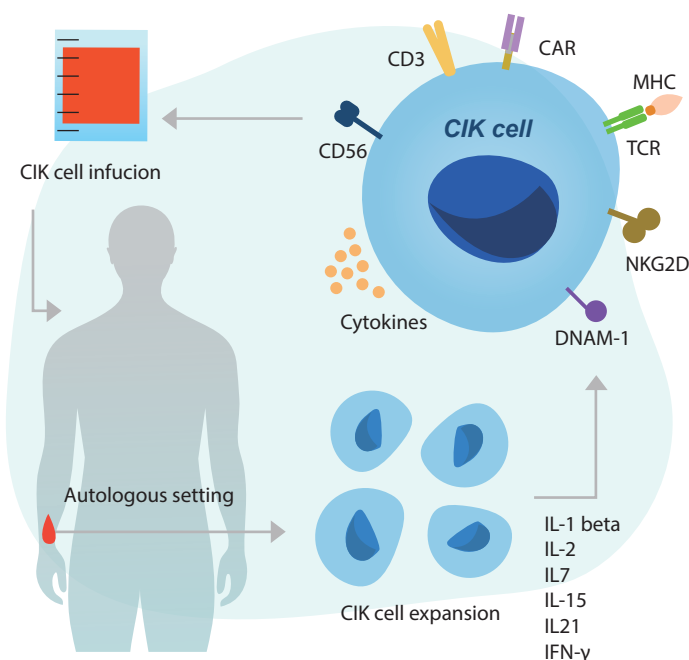




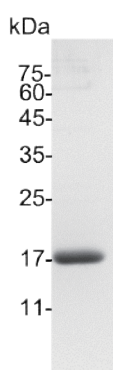
GMP-grade Recombinant Proteins Empowering Cytokine-Induced Killer (CIK) therapy

CROYEZ *Support cell cultivation, expansion, and differentiation*

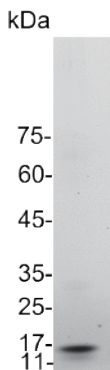
Cytokine-Induced Killer (CIK) therapy is an adoptive immunotherapy that merges T-cell potency with NK-like broad targeting. CIK cells ($CD3^+CD56^+$) eliminate tumors via both MHC-restricted and NKG2D-mediated, MHC-unrestricted pathways, showing efficacy across solid and hematologic cancers. Clinically, they are safe, with low graft-versus-host risk, and can be infused in outpatient settings. Manufacturing is rapid and scalable, expanding PBMCs within 2–3 weeks under GMP, with cells remaining stable after cryopreservation. CIK therapy is also combination-ready, enhancing outcomes with surgery, chemotherapy, targeted agents, and checkpoint inhibitors, with growing clinical evidence—especially in hepatocellular carcinoma—indicating reduced recurrence after treatment.



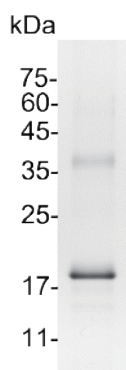
GMP® IL-1 beta



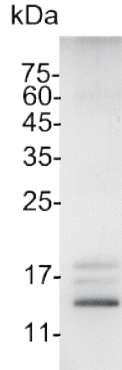
GMP® IL-2



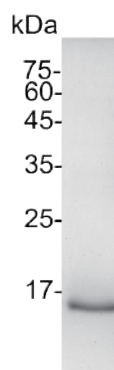
GMP® IL-7



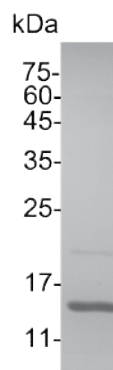
GMP® IL-15



GMP® IL-21



GMP® IFN gamma



● Suggested GMP Proteins by Cell Type

T Cell	DC	CIK	DC-CIK	NK Cell	Neuron	iPSC / PSC
IL-1 beta	IL-1 beta	IL-1 beta	IL-1 beta	IL-2	FGF	IL-3
IL-2	IL-4	IL-2		IL-15	Noggin	IL-6
IL-4	IL-6	IL7		IL-18	EGF	FGF-2
IL-7	IL-10	IL-15		IL-21		Activin A
IL-15	TNF alpha	IL21		TGF beta 1		TGF beta 1
IL-18	IFN gamma	IFN gamma				Noggin
IL-21	GM-CSF					Flt-3L
TGF beta 1						EGF
4-1BBL						SCF
IFN gamma						TPO