Bioactive HuPro®

Il6 (Rat) Recombinant Protein

Catalog # P7120 Size 5 ug

Specification

Product Description	Rat Il6 (P20607-1, 25 a.a.- 211 a.a.) partial recombinant protein expressed in HEK293 cells.
Sequence	MFPTSQVRRGDFTEDTTHNRPVYTTSQVGGLITYVLREILEMRKELCNGNSDCMNSDDALSENNL KLPEIQRNDGCFQTGYNQEICLLKICSGLLEFRFYLEFVKNNLQDNKKDKARVIQSNTETLVHIFKQE IKDSYKIVLPTPTSNALLMEKLESQKEWLRTKTIQLILKALEEFLKVTMRSTRQT
Host	Human
Theoretical MW (kDa)	21 ~ 26
Form	Lyophilized
Preparation Method	Mammalian cell (HEK 293) expression system_x005F_x000D__x000D_
Purity	> 95% as analyzed by SDS-PAGE.
Endotoxin Level	< 0.2 EU/ ug of protein (gel clotting method)
Activity	ED_{50} < 3.0 pg/mL, measured in a cell proliferation assay using 7TD1cells.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS. Reconstitute the lyophilized powder in ddH_2O up to 100 ug/mL.
Storage Instruction	Store at 4°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

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Gene Info — Il6

Entrez GeneID	24498
Protein Accession#	P20607-1
Gene Name	Il6
Gene Alias	ILg6, Ifnb2
Gene Description	interleukin 6
Gene Ontology	Hyperlink
Gene Summary	beta 2)
Other Designations	Interleukin 6 (interferon, beta 2)

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