Bioactive

Il6 (Mouse) Recombinant Protein

Catalog # P7180 Size 10 ug

Specification

Product Description	Mouse Il6 (P08505, 25 a.a. - 211 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Sequence	FPTSQVRRGDFTEDTTPNRPVYTTSQVGGLITHVLWEIVEMRKELCNGNSDCMNNDDALAENNLK LPEIQRNDGCYQTGYNQEICLLKISSGLLEYHSYLEYMKNNLKDNKKDKARVLQRDTETLIHIFNQEV KDLHKIVLPTPISNALLTDKLESQKEWLRTKTIQFILKSLEEFLKVTLRSTRQT
Host	Escherichia coli
Theoretical MW (kDa)	21.7
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 97% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The ED_{50} was determined by the dose-dependent stimulation of the proliferation of IL-6-dependent murine 7TD1 cells is < 0.02 ng/ml, corresponding to a specific activity of > 5.0×10^7 IU/mg.
Storage Buffer	Lyophilized from sterile distilled Water up to 0.1 - 1.0 mg/ml
Storage Instruction	Store at 4°C to 8°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	16193
Protein Accession#	P08505
Gene Name	Il6
Gene Alias	Il-6
Gene Description	interleukin 6
Gene Ontology	Hyperlink
Other Designations	-

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