

Bioactive

Il6 (Mouse) Recombinant Protein

Catalog # P4364

Size 10 ug

Specification

Product Description	Mouse Il6 (P08505, 25 a.a. - 211 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	FPTSQVRRGDFTE DTPNRPVYTT SQVGGLITHVLWEIVEMRKELCNGNSDCMNND DALAENNLK LPEIQRNDGCYQTGYNQEICLLKISSGLLEYHSYLEYMKNNLKDNKKDKARVLQRDTETLIHIFNQEV KDLHKIVLPTPISNALLTDKLESQKEWLRTKTIQFILKSLEEF LKVTLRSTRQT
Host	Escherichia coli
Theoretical MW (kDa)	22
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Ion exchange column and HPLC reverse phase column
Purity	> 90% by SDS-PAGE and HPLC
Endotoxin Level	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Activity	The ED ₅₀ determined by the dose-dependent proliferation of murine 7TD1 cells, was found to be < 0.01 ng/mL cells was found to be in the range of 1 x 10 ⁸ U/mg.
Storage Buffer	Lyophilized from PBS
Storage Instruction	Store at -20°C on dry atmosphere for 2 years. After reconstitution with deionized water, store at 4°C for 1 month or store at -20°C for 6 months. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study

- SDS-PAGE

Gene Info — Il6

Entrez GeneID	16193
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Protein Accession#	P08505
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Gene Name	Il6
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Gene Alias	Il-6
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Gene Description	interleukin 6
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Gene Ontology	Hyperlink
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Other Designations	-
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