

Bioactive

IL4 (Mouse) Recombinant Protein

Catalog # P4363

Size 10 ug

Specification

Product Description	Mouse IL4 (P07750, 21 a.a. - 140 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	HHGCDKNHLREIIIGILNEVTGEGTPCTEMDVPNVLTATKNTTESELVCRASKVLRIFYLKHGKTPCL KKNSSVLMELQRLFRFRCLDSSISCTMNESKSTSLKDFLESLKSIMQMDYS
Host	Escherichia coli
Theoretical MW (kDa)	14
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 was determined by the dose-dependent stimulation of the proliferation of human TF-1 cells is < 0.4 ng/mL, corresponding to a specific activity of > 2 x 10 ⁶ units/mg.
Storage Buffer	Lyophilized from PBS, pH 7.0
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 — Il4

Entrez GeneID	16189
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Protein Accession#	P07750
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Gene Name	Il4
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Gene Alias	Il-4
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Gene Description	interleukin 4
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Gene Ontology	Hyperlink
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Other Designations	OTTMUSP00000005817
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