Bioactive

Il5 (Mouse) Recombinant Protein

Catalog # P8279 Size 2 x 10 ug

Specification

Product Description	Mouse Il5 (P04401, 21 a.a. - 133 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Sequence	MEIPMSTVVKETLTQLSAHRALLTSNETMRLPVPTHKNHQLCIGEIFQGLDILKNQTVRGGTVEMLF QNLSLIKKYIDRQKEKCGEERRRTRQFLDYLQEFLGVMSTEWAMEG
Host	Escherichia coli
Theoretical MW (kDa)	26.2
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 97% by SDS-PAGE
Activity	The ED_{50} is < 1.7 ng/mL as determined by the dose-dependant stimulation of the proliferation of TF-1 cells, corresponding to a specific activity of 588235.3 IU/mg..
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from sterile distilled Water is > 100 ug/mL
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and 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 — Il5

Entrez GeneID	16191
Protein Accession#	P04401
Gene Name	Il5
Gene Alias	Il-5
Gene Description	interleukin 5
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000005818

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