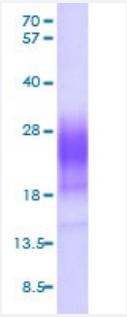
Bioactive HuPro®

Il5 (Mouse) Recombinant Protein

Catalog # P6989 Size 20 ug

Applications



Result of bioactivity analysis

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Il5 (Mouse) Recombinant Protein (Cat # P6989) in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 range ≤ 3 ng/mL.

Specification

Product Description	Mouse Il5 (NP_034688.1, 21 a.a.- 133 a.a.) partial recombinant protein with C-terminal His tag expressed in HEK293 cells.
Host	Human
Theoretical MW (kDa)	14.2
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 90% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method).

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Activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED_{50} range ≤ 3 ng/mL.
Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.
Recommend Usage	Bioactivity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (10% glycerol).
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.
Note	Result of bioactivity analysis Result of bioactivity analysis Il5 (Mouse) Recombinant Protein (Cat # P6989) in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 range ≤ 3 ng/mL.

Applications

- SDS-PAGE

Gene Info — Il5

Entrez GeneID	16191
Protein Accession#	NP_034688.1
Gene Name	Il5
Gene Alias	Il-5
Gene Description	interleukin 5
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000005818

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