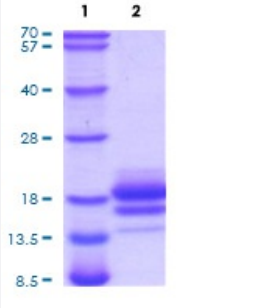
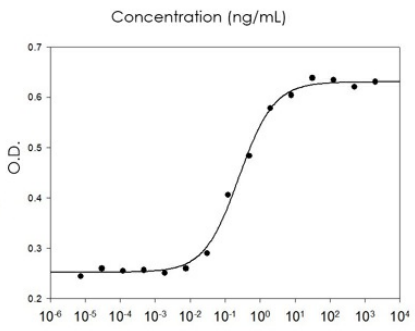
Bioactive

Il5 (Mouse) Recombinant Protein

Catalog # P8109 Size 100 ug

Applications





Result of bioactivity analysis

Result of bioactivity analysis

Specification

Product Description	Mouse Il5 (P04401, 21 a.a. - 133 a.a.) partial length recombinant protein His tag expressed in Baculovirus expression system.
Sequence	MEIPMSTVVKETLTQLSAHRALLTSNETMRLPVPTHKNHQLCIGEIFQGLDILKNQTVRGGTVEMLFQNLSLIKKYIDRQKEKCGEERRRTRQFLDYLQEFLGVMSTEWAMEG
Host	Viruses
Theoretical MW (kDa)	13.9
Form	Liquid

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Preparation Method	Baculovirus expression system
Purity	> 90% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	ED_{50} is < 1 ng/mL, measured in a cell proliferation assay using TF-1 human erythroleukemic cells.
Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
Storage Buffer	In Phosphate-Buffer Saline 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

Applications

- Functional Study
- SDS-PAGE

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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