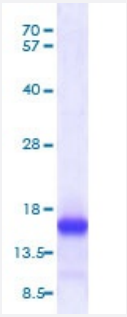
Bioactive

Il15 (Mouse) Recombinant Protein

Catalog # P6972 Size 100 ug

Applications



Result of bioactivity analysis

Result of bioactivity analysis

Il15 (Mouse) Recombinant Protein (Cat # P6972) stimulates cell proliferation of the CTLL2 mouse cytotoxic T cells. The ED50 range is less or equal to 20 ng/mL.

Specification

Product Description	Mouse Il15 (NP_032383, 49 a.a. - 162 a.a.) partial recombinant protein with His tag expressed in *Escherichia coli*.
Host	Escherichia coli
Theoretical MW (kDa)	17.6
Form	Liquid
Preparation Method	*Escherichia coli* 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 CTLL2 mouse cytotoxic T cells. The ED_{50} for this effect i s less or equal to 20 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 Il15 (Mouse) Recombinant Protein (Cat # P6972) stimulates cell proliferation of the CTLL2 mouse cy totoxic T cells. The ED50 range is less or equal to 20 ng/mL.

Applications

- SDS-PAGE

Gene Info — Il15

Entrez GeneID	16168
Protein Accession#	NP_032383
Gene Name	Il15
Gene Alias	AI503618
Gene Description	interleukin 15
Gene Ontology	Hyperlink
Other Designations	-

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