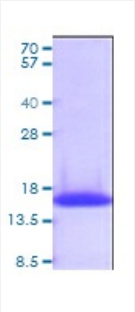
Bioactive

Il2 (Cat) Recombinant Protein

Catalog # P6952 Size 20 ug

Applications



Result of bioactivity analysis

Result of bioactivity analysis

Il2 (Cat) Recombinant Protein stimulates cell proliferation of the CTLL2 mouse cytotoxic T cells. The ED50 range ≤ 0.3 ng/mL.

Specification

Product Description	Cat IL2 (NP_001036802, 21 a.a. - 154 a.a.) partial recombinant protein with His tag expressed in *Escherichia coli*.
Host	Cat
Theoretical MW (kDa)	17.8
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	> 1 EU per 1ug 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} range ≤ 0.3 ng /ml.
Quality Control Testing	3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In 20mM Tris-HCl, 0.15 M NaCl, pH 8.0 (0.1 mM DTT, 30% glycerol)
Storage Instruction	Stored at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.
Note	Result of bioactivity analysis Result of bioactivity analysis Il2 (Cat) Recombinant Protein stimulates cell proliferation of the CTLL2 mouse cytotoxic T cells. The ED50 range ≤ 0.3 ng/mL.

Applications

- SDS-PAGE

Gene Info — IL2

Entrez GeneID	751114
Protein Accession#	NP_001036802
Gene Name	IL2
Gene Alias	-
Gene Description	interleukin 2
Gene Ontology	Hyperlink
Other Designations	-

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