

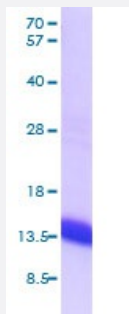
Bioactive

IL2 (Rat) Recombinant Protein

Catalog # P6974

Size 100 ug

Applications



Result of bioactivity analysis

Result of bioactivity analysis

IL2 (Rat) Recombinant Protein (Cat # P6974) stimulates cell proliferation of the CTLL2 mouse cytotoxic T cells. The ED50 range is less or equal to 0.3 ng/mL.

Specification

Product Description	Rat IL2 (NP_446288, 21 a.a. - 155 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	15.6
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 90% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method).

Activity	Measured in a cell proliferation assay using CTLL2 mouse cytotoxic T cells. The ED ₅₀ for this effect is less or equal to 0.3 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 Il2 (Rat) Recombinant Protein (Cat # P6974) stimulates cell proliferation of the CTLL2 mouse cytotoxic T cells. The ED50 range is less or equal to 0.3 ng/mL.

Applications

- SDS-PAGE

Gene Info — Il2

Entrez GeneID	116562
Protein Accession#	NP_446288
Gene Name	Il2
Gene Alias	-
Gene Description	interleukin 2
Gene Ontology	Hyperlink
Other Designations	-