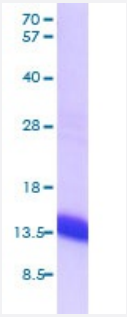
Bioactive

# 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 *Escherichia coli*. |
| **Host** | Escherichia coli |
| **Theoretical MW (kDa)** | 15.6 |
| **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 0.3 ng/mL. |
| **Quality Control Testing** | 3 ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain. |
| **Recommend Usage** | Bioactivity<br>SDS-PAGE<br>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<br>Result of bioactivity analysis<br>Il2 (Rat) Recombinant Protein (Cat # P6974) stimulates cell proliferation of the CTLL2 mouse cytotox ic 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** | - |

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