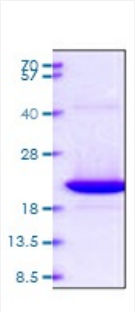
Bioactive

Il1a (Rat) Recombinant Protein

Catalog # P6964 Size 250 ug

Applications



Result of bioactivity analysis

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Il1a (Rat) Recombinant Protein in a cell proliferation assay using D10.G4.1 mouse helper T cell. The ED50 range ≤ 20 pg/mL.

Specification

Product Description	Rat Il1a (NP_058715, 115 a.a. - 270 a.a.) partial recombinant protein with His tag expressed in *Escherichia coli*.
Host	Rat
Theoretical MW (kDa)	20.2
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 D10.G4.1 mouse helper T cell. The ED_{50} range ≤ 20 pg/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 PBS, pH 7.4 (10% 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 Il1a (Rat) Recombinant Protein in a cell proliferation assay using D10.G4.1 mouse helper T cell. The ED50 range ≤ 20 pg/mL.

Applications

- SDS-PAGE

Gene Info — Il1a

Entrez GeneID	24493
Protein Accession#	NP_058715
Gene Name	Il1a
Gene Alias	IL-1 alpha
Gene Description	interleukin 1 alpha
Gene Ontology	Hyperlink
Other Designations	interleukin-1 alpha

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