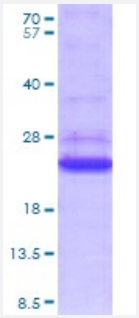
Bioactive

Il1b (Mouse) Recombinant Protein

Catalog # P6944 Size 20 ug

Applications



3 ug SDS-PAGE under reducing condition and visualized by coomassie blue stain.

Result of bioactivity analysis

Result of bioactivity analysis

Specification

Product Description	Mouse Il1b (NP_032387, 118 - 269 a.a.) partial length recombinant protein with His tag expressed in *Escherichia coli* expression system.
Host	Escherichia coli
Theoretical MW (kDa)	21
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 90% by SDS-PAGE
Endotoxin Level	< 1 EU/ug

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Activity	Mouse IL-1 beta /IL-1F2 stimulates cell proliferation of the D10.G4.1 mouse helper T cells. The ED_{50} range ≤ 0.1 ng/mL.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue 3 ug 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 20 mM Tris-HCl, pH 8.0 (10% glycerol)
Storage Instruction	Store at 4°C for one week. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis Result of bioactivity analysis

Applications

- SDS-PAGE

Gene Info — Il1b

Entrez GeneID	16176
Protein Accession#	P10749
Gene Name	Il1b
Gene Alias	IL-1beta, Il-1b
Gene Description	interleukin 1 beta
Gene Ontology	Hyperlink
Gene Summary	beta
Other Designations	OTTMUSP00000016525|interleukin 1, beta

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