Bioactive

Il1a (Rat) Recombinant Protein

Catalog # P8213 Size 2 x 10 ug

Specification

Product Description	Rat Il1a (P16598, 115 a.a. - 270 a.a.) partial recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMGSSAPHSFQNNLRYKLIRIVKQEFIMNDSLNQNIYVDMD_x005F_x000D__x000D_ RIHLKAASLNDLQLEVKFDMYAYSSGGDDSKYPVTLKVSNTQLFVSAQGEDKPVLLKEIP_x005F_x000D__x000D_ ETPKLITGSETDLIFFWEKINSKNYFTSAAFPELLIATKEQSQVHLARGLPSMIDFQIS
Host	Escherichia coli
Theoretical MW (kDa)	20.2
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 95% by SDS-PAGE
Activity	The ED_{50} is < 20 pg/mL as determined in a cell proliferation assay using D10.G4.1 mouse helper T cells.
Recommend Usage	Biological Activity 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.

Applications

- Functional Study

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- SDS-PAGE

Gene Info — Il1a

Entrez GeneID	24493
Protein Accession#	P16598
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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