Bioactive

Il1a (Mouse) Recombinant Protein

Catalog # P6286 Size 100 ug

Applications

Result of activity analysis

Result of activity analysis

Specification

Product Description	Mouse Il1a (P01582) recombinant protein expressed in *E.Coli*.
Sequence	MSAPYTYQSDLRYKLMKLVRQKFVMNDSLNQTIYQDVDKHYLSTTWLNDLQQEVKFDMYAYSSG GDDSKYPVTLKISDSQLFVSAQGEDQPVLLKELPETPKLITGSETDLIFFWKSINSKNYFTSAAYPE LFIATKEQSRVHLARGLPSMTDFQIS
Host	Escherichia coli
Theoretical MW (kDa)	18.1
Form	Lyophilized
Preparation Method	This product is produced with no animal or human origin raw products. All processing and handling e mploys animal free equipment and animal free protocols.
Purity	>= 95%
Endotoxin Level	<= 1 EUs/ug (Kinetic LAL)
Activity	ED_{50} <= 10 pg/mL D10.G4.1 proliferation The values provided above are minimum expected values to pass internal requirements.

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Quality Control Testing	Reducing and Non-Reducing SDS PAGE
Conformation	Monomer
Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate , pH 7.5.
Storage Instruction	Stored at -20°C to-80°C for 12 month. After reconstitution with sterile water at 0.1 mg/mL, store at -20°C to -80°C for 3 months, store at 4°C for 1 month. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- Western Blot

Gene Info — Il1a

Entrez GeneID	16175
Protein Accession#	P01582
Gene Name	Il1a
Gene Alias	Il-1a
Gene Description	interleukin 1 alpha
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000016430

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