

IL-1 beta Recombinant Protein | IL-1beta recombinant protein

Mouse IL-1 beta protein

CATALOG #
AAA332473

HOST
E Coli

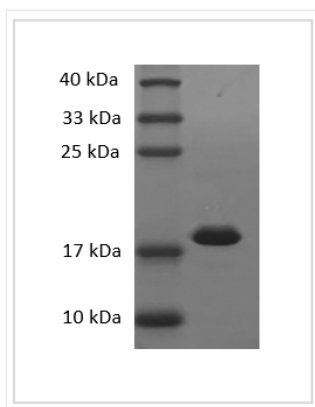
PRODUCT SYNONYMS

IL-1 beta; Mouse IL-1 beta protein; IL-1; IL-1B; IL1-BETA; IL1F2; Interleukin-1 beta; IL1B; IL-1beta recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>98 % as determined by SDS-PAGE
Form/Format	Lyophilized from sterile PBS, pH7.4.
Sequence	Val118-Ser 269
Endotoxin	<1.0EU per ug of the protein as determined by the LAL method.
Sequence	Amino acid sequence derived from mouse IL-1 beta protein isoform (P10749) (Val118-Ser269) was expressed.
Protein length	The recombinant mouse IL-1 beta protein consists of 153 amino acids and predicts a molecular mass of 17 kDa.
Usage Notes	Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized Mouse IL-1 beta protein using the buffer we provided not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Preparation and Storage	Lyophilized Mouse IL-1 beta protein product should be stored desiccated below -20 degree C. Upon reconstitution, the protein should be stored at 4 degree C between 2-7 days and for future use below -20 degree C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

IMAGES



SDS-PAGE

Fig. SDS-PAGE analysis of Mouse IL-1 beta protein.

ADDITIONAL INFORMATION

Related Product Information for IL-1beta recombinant protein	Background: Interleukin-1 beta (IL1 beta or IL IL-1B) also known as catabolin, is a member of the interleukin 1 cytokine family family, is produced by ac tivated macrophages, l IL-1B stimulates thymocyte proliferation by inducing il il-2 release, b b-cell maturation and proliferation, and fibroblast growth factor activity. IL1B proteins are involved in the inflammatory response, being identifi ed as endogenous pyro gens, and are reported to stimulate the release of prostaglandin from synovial cells.
Product Categories/Family for IL-1beta recombinant protein	Cell Culture

NCBI AND UNIPROT INFORMATION

NCBI GI #	6680415
NCBI GeneID	16176
NCBI Accession #	NP_032387.1
NCBI GenBank Nucleotide #	NM_008361.3
UniProt Accession #	P10749; Q2M4J6
NCBI Official Full Name	interleukin-1 beta
NCBI Official Synonym Full Names	interleukin 1 beta
NCBI Official Symbol	IL1b
NCBI Official Synonym Symbols	IL-1b; IL-1beta
NCBI Protein Information	interleukin-1 beta; IL-1 beta
UniProt Protein Name	Interleukin-1 beta
UniProt Gene Name	IL1b
UniProt Synonym Gene Names	IL-1 beta
UniProt Entry Name	IL1B_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.