

Interleukin 1 Beta (IL1b) Recombinant Protein | IL1b recombinant protein

Recombinant Interleukin 1 Beta (IL1b)

CATALOG # AAA134244	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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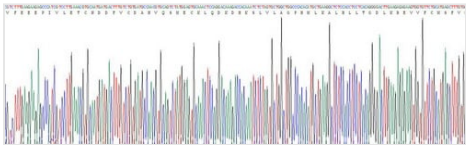
PRODUCT SYNONYMS

Interleukin 1 Beta (IL1b); Recombinant Interleukin 1 Beta (IL1b); IL1b recombinant protein

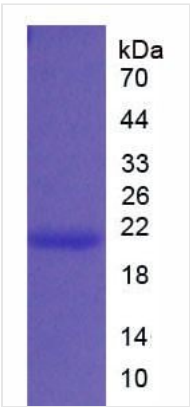
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHS GS-VFEE EPIVLEKHAN GFLCDATPVQ SVDCKLQDKD EKALVLAGPH ELKALHLLKG DLKREVVF CM SFVQGDDSD KIPVTLG IKG KNL YLSCVMK DDTPTLQLED VDPKSYPKRD MEKRFV FYKT EIKNRVEFES ALYPN WYIST SQAEQKP VFL GNSKGRQDIT DFTM
Sequence Length	267
Applicable Applications for IL1b recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Sus scrofa; Porcine (Pig)
Expression System	Prokaryotic expression
Residues	Val95~Met262 (Accession # Q29082) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

VFEEEP

IVLEKHANGF LCDATPVQSV DCKLQDKDEK ALVLAGPHEL KALHLLKGD

KREVVFCMSF VQGDDSDDKI PVTLGIGKN LYLSCVMKDD TPTLQLEDVD

PKSYPKRDME KRFVFKTEI KNRVEFESAL YPNWYISTSQ AEQKPVFLGN

SKGRQDITDF TM

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	52346210
NCBI GeneID	396565
NCBI Accession #	NP_001005149.1
NCBI GenBank Nucleotide #	NM_001005149.1
UniProt Accession #	Q29082
Molecular Weight	20.4kDa
NCBI Official Full Name	interleukin-1 beta
NCBI Official Symbol	IL-1beta
NCBI Protein Information	interleukin-1 beta
UniProt Protein Name	Interleukin 1-beta
UniProt Gene Name	interleukin 1-beta
UniProt Entry Name	Q29082_PIG

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.

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Online datasheet: <https://stage.aaabiotech.com/interleukin-1-beta-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134244>