

Interleukin 1 Beta Recombinant Protein | IL1b recombinant protein

Recombinant Interleukin 1 Beta (IL1b)

CATALOG # AAA144310	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in 20mM Tris, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Concentration	7.1 (varies by lot)
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag. Its sequence is listed below. MGSSHHHH HHSSGLVPRG SHMASMTGGQ QMGRGSEF-A PVRSLNCTLR DSQKSLVMS GPYELKALHL QGQDMEQQVV FSMSFVQGEE SNDKIPVALG LKEKNLYLSC VLKDDKPTLQ LESVDPKNYP KKKMEKRFVF NKIEINNLE FESAQFPNWY ISTSQAENMP VFLGGTKGGQ DITDFTMQFV SS
Sequence Length	283
Applicable Applications for IL1b recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	21.2kDa
Accurate Molecular Mass (KD)	21kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and T7-tag
Organism Species	Homo sapiens (Human)
Fragment	Ala117~Ser269
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	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. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES

Application Data



Sequence



SDS-PAGE



NCBI AND UNIPROT INFORMATION

NCBI GI #	148226412
NCBI GeneID	373606
NCBI Accession #	NP_001079074.1
NCBI GenBank Nucleotide #	NM_001085605.1
NCBI Official Full Name	interleukin 1, beta
NCBI Official Synonym Full Names	interleukin 1, beta<
NCBI Official Symbol	il1b
NCBI Official Synonym Symbols	IL-1; IL-1B; il1b-A
NCBI Protein Information	interleukin 1, beta

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/144310>