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

Recombinant Interleukin 1 Beta (IL1b)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134732	**E.coli**	**Equus caballus; Equine (Horse)**	**Western Blot, SDS-Page**

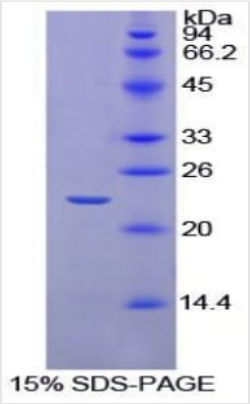
PRODUCT SYNONYMS

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

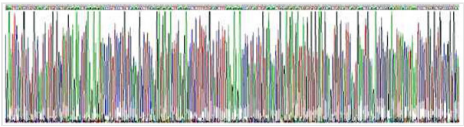
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Equus caballus; Equine (Horse)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 100ug/mL (varies by lot)
Sequence	HAMSIIVAVE KLKKIPVPCS QAFQDDDLRS LFSVIFEEEP IICDNWDEGY VCDAAMHSVN CRLRDIYHKS LVLSGACELQ AVHLNGENTN QQVVFCMSFV QGEEETDKIP VALGLKEKNL YLSCGMKDGK PTLQLETVDP NTYPKRKMEK RFVFNKMEIK GNVEFESAMY PNWYISTSQA EKSPV
Applicable Applications for IL1b recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	His63~Val247
Tags	N-terminal His Tag
Subcellular Location	Secreted, Lysosome, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	5.7
Usage	Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
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. 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 rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Application Data
Figure. Gene Sequencing (extract

NCBI AND UNIPROT INFORMATION

NCBI GI #	126722831
NCBI GeneID	100034237
NCBI Accession #	NP_001075995.1
NCBI GenBank Nucleotide #	NM_001082526.1
UniProt Accession #	Q28386; O18995; O77744
Molecular Weight	Predicted Molecular Mass: 22.6kDa Accurate Molecular Mass: 25kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	interleukin-1 beta
NCBI Official Symbol	IL1B
NCBI Official Synonym Symbols	IL-1B
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_HORSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/il1b-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134732