

IL1a recombinant protein

IL1a, 115-270aa, Mouse, His tag, E Coli (Denatured)

CATALOG # AAA48906	HOST E Coli	APPLICATIONS SDS-Page
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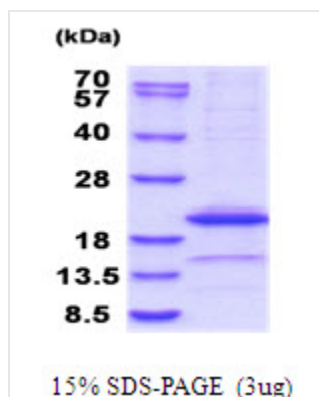
PRODUCT SYNONYMS

IL1a; 115-270aa; Mouse; His tag; E Coli (Denatured); Interleukin-1 alpha precursor; IL-1a; IL-1 alpha; Interleukin 1 alpha; IL1a recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. In phosphate buffer saline (pH 7.4) containing 10% glycerol
Concentration	1mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSSAPYTYQ SDLRYKLMKL VRQKFVMNDS LNQTIYQDVD KHYLSTTWLN DLQQEVKFDM YAYSSGGDDS KYPVTLKISD SQLFVSAQGE DQPVLLKELP ETPKLITGSE TDLIFFWKS NSKNYFTSAA YPELFATKE QSRVHLARGL PSMTDFQIS
Sequence Length	270
Applicable Applications for IL1a recombinant protein	SDS-PAGE
Tag Information	His-tag
Domain	115-270aa
Preparation and Storage	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for IL1a recombinant protein	IL-1a is produced by activated macrophages, stimulates thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity. This protein is involved in the inflammatory response, being identified as endogenous pyrogens, and are reported to stimulate the release of prostaglandin and collagenase from synovial cells. Recombinant mouse IL1a protein, fused to His-tag at N-terminus, was expressed in E Coli.
Product Categories/Family for IL1a recombinant protein	Hormones & Cytokines
References	Beuscher H.u., et al (1988). J. Biol. Chem. 263:4023-4028

NCBI AND UNIPROT INFORMATION

NCBI GI #	47059075
NCBI GeneID	16175
NCBI Accession #	NP_034684
NCBI GenBank Nucleotide #	NM_010554.4
UniProt Accession #	P01582
Molecular Weight	20.4 kDa (179aa)
NCBI Official Full Name	interleukin-1 alpha
NCBI Official Synonym Full Names	interleukin 1 alpha
NCBI Official Symbol	Il1a
NCBI Official Synonym Symbols	Il-1a
NCBI Protein Information	interleukin-1 alpha
UniProt Protein Name	Interleukin-1 alpha
UniProt Gene Name	Il1a
UniProt Synonym Gene Names	IL-1 alpha

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/il1a-recombinant-protein-e-coli-sds-page/48906>