

Interleukin 1 Receptor Antagonist (IL1RA) Recombinant Protein | IL1RA recombinant protein

Recombinant Interleukin 1 Receptor Antagonist (IL1RA)

CATALOG # AAA134588	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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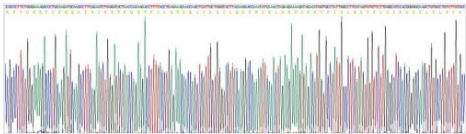
PRODUCT SYNONYMS

Interleukin 1 Receptor Antagonist (IL1RA); Recombinant Interleukin 1 Receptor Antagonist (IL1RA); IL1RA recombinant protein

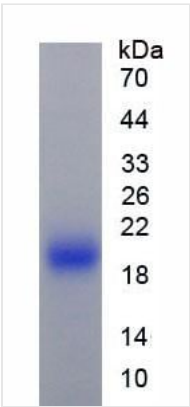
PRODUCT SPECIFICATIONS

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 HHSGSEF-RP SGKRPCMKQA FRIWDTNQKT FYLRNNQLIA GYLQGPNIKL EEKIDMVPID LHSVFLGIHG GKLCSCAKS GDDIKLQLEE VNITDLSKNK EEDKRFTFIR SEKGPTTSFE SAACPGWFLC TTLEADRPVS LTNTPEEPLI VTKFYFQEDQ
Sequence Length	178
Applicable Applications for IL1RA recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Arg27~Gln178 (Accession # P25085) 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

LRNNQLIAGY LQGPNIKLEE KIDMVPIDLH SVFLGIHGGK LCLSCAKSGD
DIKLQLEEVN ITDLSKNKEE DKRFTFIRSE KGPTTSFESA ACPGWFLLCTT
LEADRPVSLT NTPEEPLIVT KFYFQEDQ

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	89257344
NCBI GeneID	16181
NCBI Accession #	NP_001034790.1
NCBI GenBank Nucleotide #	NM_001039701.3
UniProt Accession #	P25085; O70207
Molecular Weight	16.4kDa
NCBI Official Full Name	interleukin-1 receptor antagonist protein isoform 2
NCBI Official Synonym Full Names	interleukin 1 receptor antagonist
NCBI Official Symbol	IL1rn
NCBI Official Synonym Symbols	IL-1ra; F630041P17Rik
NCBI Protein Information	interleukin-1 receptor antagonist protein; IRAP; IL-1RN; IL1 inhibitor
UniProt Protein Name	Interleukin-1 receptor antagonist protein
UniProt Gene Name	IL1rn
UniProt Synonym Gene Names	IL-1ra; IL-1RN; IL-1ra; IRAP
UniProt Entry Name	IL1RA_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.

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Online datasheet: <https://stage.aaabiotech.com/il1rn-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134588>