

Interleukin 1 Receptor Type I Recombinant Protein | IL1R1 recombinant protein

Recombinant Interleukin 1 Receptor Type I (IL1R1)

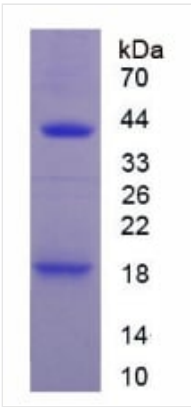
CATALOG # AAA144488	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Interleukin 1 Receptor Type I; Recombinant Interleukin 1 Receptor Type I (IL1R1); IL1R1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Concentration	6.4 (varies by lot)
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MGSSHHHH HHSSGLVPRG SHMASMTGGQ QMGRGSEF-L EIDVCTEYPN QIVLFLSVNE IDIRKCPLTP NKMHGDTIHW YKNDSTPIS ADRDSRIHQQ NEHLWFVPAK VEDSGYYCI VRNSTYCLKT KVTVTVLEND PGLCYSTQAT FPQRLHIAGD GSLVCPYVSF KDENNELPE VQWYKNCKPL LLDNVSFFGV KDKLLVRNVA EEHRGDYICR MSYTFRGKQY PVTRVIQFIT IDENKRDRPV ILSPRNETIE ADPGSMIQLI CNVTGQFSDL VYWKWNGSEI EWNDPFLAED YQFVEHPSTK RKYTLITLNL ISEVKSQFYR YPFICVVKNT NIFESAHVQL IYPVPDFK div>
Sequence Length	538
Applicable Applications for IL1R1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	41.1kDa
Accurate Molecular Mass (KD)	19/42kDa
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	Mus musculus (Mouse)
Fragment	Leu20~Lys338
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 targetprotein. 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 andprecipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Sequence

L	EIDVCTEYPN	QIVLFLSVNE	IDIRKCPLTP
NKMHGDTIIW	YKNSKTPIS	ADRSRIHQQ	NEHLWFVPAK
VEDSGYYICI	VRNSTYCLKT	KVTVTVLND	PGLCYSTQAT
FPQRLHIAGD	GSLVCPVVS	Y	
FKDENNELPE	VQWYKNCKPL	LLDNVSFFGV	KDKLLVRNVA
EEHRGDYICR	MSYTFRGKQY	PVTRVIQFIT	IDENKRRDPV
ILSPRNETIE	ADPGSMIQLI	CNVTGQFSDL	VYWKNGSEI
EWNDPFLAED	YQFVEHPSTK	RKYTLITTLN	ISEVKSQFYR
YPFICVKNT	NIFSAHVQL	IYPVPDFK	

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	569026723
NCBI GeneID	3554
NCBI Accession #	NP_001275635.1
NCBI GenBank Nucleotide #	NM_001288706.1
Molecular Weight	65,402 Da
NCBI Official Full Name	interleukin-1 receptor type 1 isoform 2
NCBI Official Synonym Full Names	interleukin 1 receptor, type I
NCBI Official Symbol	IL1R1
NCBI Official Synonym Symbols	P80; IL1R; IL1RA; CD121A; D2S1473; IL-1R-alpha
NCBI Protein Information	interleukin-1 receptor type 1
UniProt Protein Name	Interleukin-1 receptor type 1
UniProt Gene Name	IL1R1
UniProt Synonym Gene Names	IL1R; IL1RA; IL1RT1; IL-1R-1; IL-1RT-1; IL-1RT1; IL-1R-alpha; mL-1R1; mL-1RI; sIL-1R1; sIL-1RI
UniProt Entry Name	IL1R1_HUMAN

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/il1r1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144488>