

IL1RA recombinant protein

Human IL1RA Protein, mFc Tag

CATALOG #
AAA129488

HOST
HEK293

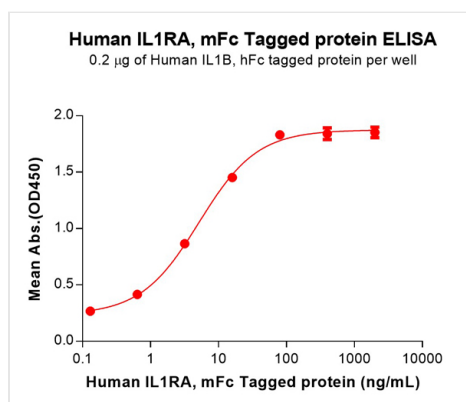
PRODUCT SYNONYMS

IL1RA; Human IL1RA Protein; mFc Tag; P80; IL1R; CRMO3; IL1R1; CD121A; D2S1473; IL-1RT1; IL-1R-alpha; Recombinant human IL1RA Protein with C-terminal mouse Fc tag; IL1RA recombinant protein

PRODUCT SPECIFICATIONS

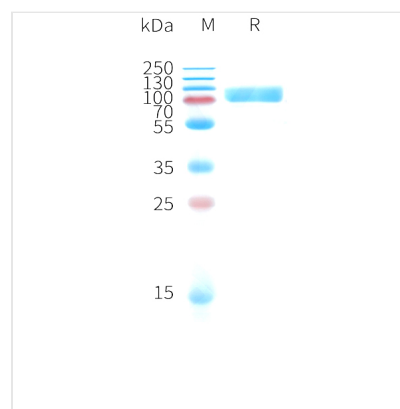
Host	HEK293
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Sequence	IL1RA(Leu1 8-Thr332)m Fc(Pro99-L ys330)
Tag	C-mouse Fc
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

IMAGES



ELISA

Figure 2. ELISA plate pre-coated by 2 ug/mL (100 uL/well) Human IL1B Protein, hFc Tag can bind Human IL1RA Protein, mFc Tag (AAA129488) in a linear range of 0.64–80 ng/mL.



SDS-PAGE

Figure 1. Human IL1RA Protein, mFc Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Related Product Information for IL1RA recombinant protein

This gene encodes a cytokine receptor that belongs to the interleukin-1 receptor family. The encoded protein is a receptor for interleukin-1 alpha, interleukin-1 beta, and interleukin-1 receptor antagonist. It is an important mediator involved in many cytokine-induced immune and inflammatory responses. This gene is located in a cluster of related cytokine receptor genes on chromosome 2q12. [provided by RefSeq, Dec 2013]

Product Categories/Family for IL1RA recombinant protein

[ECD Proteins](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	569026723
NCBI GeneID	3554
NCBI Accession #	NP_001275635.1
NCBI GenBank Nucleotide #	NM_001288706.1
UniProt Accession #	P14778; Q58717
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; IL-1R-1; IL-1RT1; IL-1RT-1; interleukin-1 receptor alpha; interleukin-1 receptor type I; CD121 antigen-like family member A; interleukin 1 receptor alpha, type I
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-hek293/129488>