

Active Recombinant Human IL1RAP, Fc-His tagged

Cat. No. IL1RAP-175H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL1RAP(NP_002173.1)(Met 1-Glu 359) was expressed in Human Cells, fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.
Species	Human
Source	Human Cells
ProteinLength	1-359 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	1. Measured by its ability to bind with biotinylated human IL1R2-His in a functional ELISA. 2. Immobilized human IL1R3-Fch at 10 µg/mL (100ul/well) can bind biotinylated human IL1B-His. The EC50 of biotinylated human IL1B-His is 0.11-0.25 µg/mL.
Molecular Mass	The recombinant human IL1R3/Fc is a disulfide-linked homodimer. The reduced monomer consists of 586 amino acids and has a predicted molecular mass of 67.3 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh IL1R3/Fc monomer is approximately 75-85 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE

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Storage Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name IL1RAP interleukin 1 receptor accessory protein [Homo sapiens]

Official Symbol IL1RAP

Synonyms IL1RAP; interleukin 1 receptor accessory protein; interleukin-1 receptor accessory protein; C3orf13; IL 1RAcP; IL1R3; IL-1R3; interleukin-1 receptor 3; IL-1 receptor accessory protein; interleukin-1 receptor accessory protein beta; IL-1RAcP; FLJ37788;

Gene ID 3556

mRNA Refseq NM_001167928

Protein Refseq NP_001161400

MIM 602626

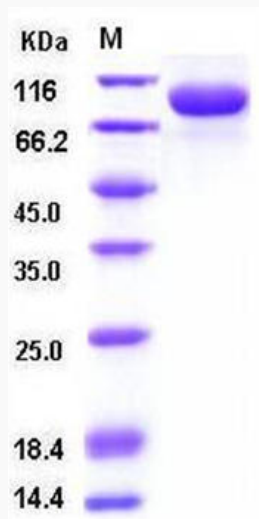
UniProt ID Q9NPH3

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SDS-PAGE



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