

Active Recombinant Human IL1RAP protein, Fc-Avi-tagged, Biotinylated

Cat. No. IL1RAP-0264H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human IL1RAP protein(Ser21-Glu359), fused with Fc and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	21-359 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human Anti-IL1RAP Human IgG1 at 1 µg/mL (100 µL/well) can bind Biotinylated Human IL-1 RAcP / IL-1 R3,Fc,Avitag with a linear range of 0.5-16 ng/mL. Immobilized Biotinylated Human IL-1 RAcP / IL-1 R3,Fc,Avitag at 1 µg/mL (100 µL/well) on streptavidin precoated (0.5 µg/well) plate can bind Human Anti-IL1RAP Human IgG1 with a linear range of 0.2-4 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus, followed by a Avi tag (Avitag)The protein has a calculated MW of 66 kDa. The protein migrates as 80-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ser21-Glu359
Endotoxin	Less than 1.0 EU per

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	µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
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.
Conjugation	Biotin

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

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MIM	602626
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UniProt ID	Q9NPH3
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