

Active Recombinant Human IL10RA protein, Fc-Avi-tagged, Biotinylated

Cat. No. IL10RA-0297H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human IL10RA protein(His22-Asn235), fused with Fc and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-235 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 51 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Human IL-10, His Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human IL-10 R alpha, Fc,Avitag with a linear range of 0.2-10 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 52.5 kDa. The protein migrates as 65-80 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	His22-Asn235
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.

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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 [IL10RA interleukin 10 receptor, alpha \[Homo sapiens \]](#)

Official Symbol [IL10RA](#)

Synonyms IL10RA; interleukin 10 receptor, alpha; IL10R; interleukin-10 receptor subunit alpha; CD210; CD210a; CDW210A; HIL 10R; IL-10RA; IL-10R subunit 1; IL-10R subunit alpha; IL-10 receptor subunit alpha; interleukin-10 receptor subunit 1; interleukin-10 receptor alpha chain; HIL-10R; IL-10R1;

Gene ID [3587](#)

mRNA Refseq [NM_001558](#)

Protein Refseq [NP_001549](#)

MIM [146933](#)

UniProt ID [Q13651](#)

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