

Active Recombinant Human IL12RB1 protein, Fc-Avi-tagged, Biotinylated

Cat. No. IL12RB1-0229H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human IL12RB1 protein(Cys24-Glu540), fused with Fc and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	24-540 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH 7.5 with trehalose as protectant.
Bio-activity	Immobilized Human IL-12B, His Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human IL-12 R beta 1, Fc,Avitag with a linear range of 10-78 ng/mL.Immobilized Human IL-12B&IL-12A Heterodimer Protein, His Tag&Flag Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human IL-12 R beta 1, Fc,Avitag with a linear range of 10-78 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus, followed by an Avi tag (Avitag)The protein has a calculated MW of 85.4 kDa. The protein migrates as 110 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Cys24-Glu540

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Endotoxin	Less than 1.0 EU per 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	IL12RB1 interleukin 12 receptor, beta 1 [Homo sapiens]
Official Symbol	IL12RB1
Synonyms	IL12RB1; interleukin 12 receptor, beta 1; IL12RB; interleukin-12 receptor subunit beta-1; CD212; IL-12RB1; IL-12R-beta-1; IL-12R subunit beta-1; IL-12 receptor beta component; IL-12 receptor subunit beta-1; interleukin-12 receptor beta-1 chain; IL-12R-BETA1; MGC34454;
Gene ID	3594
mRNA Refseq	NM_005535
Protein Refseq	NP_005526

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MIM	601604
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UniProt ID	P42701
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