Active Recombinant Human IL12RB2 protein, His-tagged

Cat. No. IL12RB2-3233H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL12RB2 protein(Q99665-1)(Lys 24 - Asn 622), fused with His Tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Lys 24 - Asn 622
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human IL-12 R beta 2, His Tag at 5 μg/mL (100 μL/well) can bind Biotinylated Human IL-12B&IL-12A Heterodimer, His,Avitag&Flag Tag with a linear range of 0.01-0.3 μg/mL.
Molecular Mass	The protein has a calculated MW of 70.0 kDa. The protein migrates as 66 kDa and 80-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles.

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	This product is stable after storage 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.

GENE INFORMATION

Gene Name	IL12RB2 interleukin 12 receptor, beta 2 [Homo sapiens]
Official Symbol	IL12RB2
Synonyms	IL12RB2; interleukin 12 receptor, beta 2; interleukin-12 receptor subunit beta-2; IL-12RB2; IL-12R-beta-2; IL-12 receptor beta 2; IL-12R subunit beta-2; IL-12 receptor subunit beta-2; interleukin-12 receptor beta-2 chain; RP11-102M16.1;
Gene ID	3595
mRNA Refseq	NM_001258214
Protein Refseq	NP_001245143
MIM	601642
UniProt ID	Q99665

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