

## Active Recombinant Human IL12RB2 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL12RB2 protein(Q99665-1)(Lys 24 - Asn 622), fused with His Tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Lys 24 - Asn 622
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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