

Active Recombinant Human IL12RB1 protein, His-tagged

Cat. No. IL12RB1-3230H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL12RB1 (Met1-Glu540) protein was fused to His-tag at C-terminus and expressed in human 293 cells (HEK293).
Species	Human
Source	HEK293
ProteinLength	Met1-Glu540
Form	Lyophilized from sterile PBS, pH 7.4
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human IL12RB1 at 20 µg/ml (100 µl/well) can bind human IL12B with a linear range of 2.56-64 ng/ml.
Molecular Mass	The recombinant human IL12RB1 consists of 528 amino acids and predicts a molecular mass of 58.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhIL12RB1 is approximately 70 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 94 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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 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

MIM 601604

UniProt ID P42701

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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