

Active Recombinant Human IL12RB1 protein, His-tagged

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

SPECIFICATION

Product Overview	Active Recombinant Human IL12RB1 protein(NP_005526.1)(Met 1-Glu 540) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-540 aa
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 ranger 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	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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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

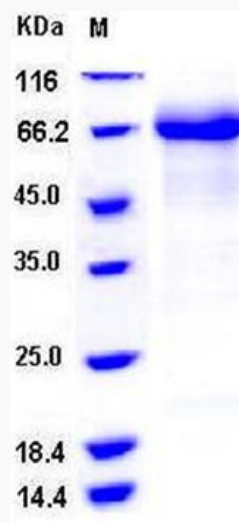
UniProt ID

P42701

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SDS-PAGE

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