

Active Recombinant Mouse IL12rb2 protein, His-tagged

Cat. No. IL12rb2-4006M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL12rb2 protein(NP_032380.1)(Met1-Asn637), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Asn637
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to bind Mouse IL12A & IL12B Heterodimer Protein in a functional ELISA.Immobilized mouse IL12RB2-His at 10 µg/ml (100 µl/well) can bind Mouse IL12A & IL12B Heterodimer Protein. The EC50 of Mouse IL12A & IL12B Heterodimer Protein is 50.2-117.2 ng/ml.
Molecular Mass	The secreted recombinant mouse IL12RB2 consists of 625 amino acids and has a predicted molecular mass of 70 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmlIL12RB2 is approximately 120-130 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	> 97 % 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.
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 [<i>Mus musculus</i>]
Official Symbol	IL12rb2
Synonyms	IL12RB2; interleukin 12 receptor, beta 2; interleukin-12 receptor subunit beta-2; IL-12R-beta-2; IL-12R subunit beta-2; IL-12 receptor subunit beta-2; interferon response to microorganisms; Ifnm; IL-12RB2; A930027I18Rik;
Gene ID	16162
mRNA Refseq	NM_008354
Protein Refseq	NP_032380

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