

Active Recombinant Mouse IL12B protein

Cat. No. IL12B-0308M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL12B protein(P43432)(Met1-Ser335) was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-335 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Please 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 Human IL12RB1 His, Biotinylated in a functional ELISA.
Molecular Mass	The recombinant mouse IL12B consists of 320 amino acids and has a calculated molecular mass of 36.6 kDa. The recombinant protein migrates as an approximately 46 kDa band in SDS-PAGE under reducing conditions.
Proteinlength	Met1-Ser335
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	> 85 % 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	IL12b interleukin 12b [<i>Mus musculus</i>]
Official Symbol	IL12B
Synonyms	IL12B; interleukin 12b; interleukin-12 subunit beta; CLMF p40; IL-12 p40; IL-12 subunit p40; IL-23 subunit p40; cytotoxic lymphocyte maturation factor 40 kDa subunit; p40; Il-12b; Il12p40; Il-12p40;
Gene ID	16160
mRNA Refseq	NM_008352
Protein Refseq	NP_032378

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