

## Active Recombinant Mouse IL12B protein

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse IL12B protein(P43432)(Met1-Ser335) was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-335 a.a.
<b>Form</b>	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.
<b>Bio-activity</b>	Measured by its ability to bind Human IL12RB1 His, Biotinylated in a functional ELISA.
<b>Molecular Mass</b>	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.
<b>Proteinlength</b>	Met1-Ser335
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method

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<b>Purity</b>	> 85 % as determined by SDS-PAGE
<b>Storage</b>	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.
<b>Reconstitution</b>	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.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	Il12b interleukin 12b [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	IL12B
<b>Synonyms</b>	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;
<b>Gene ID</b>	16160
<b>mRNA Refseq</b>	NM_008352
<b>Protein Refseq</b>	NP_032378

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