

Recombinant Mouse Il12b protein, His & T7-tagged

Cat. No. Il12b-847M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il12b aa. (Val35~Glu302 (Accession # P43432)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Val35~Glu302
Description	This gene encodes the beta subunit p40 of the Interleukin 12 (IL-12) family of cytokines. Members of the IL-12 family form heterodimers consisting of heavy and light subunits linked by disulfide bonds. The product of this gene, p40, is a subunit of interleukins IL-12 and IL-23.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.4kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 6.4.
Applications	SDS-PAGE; WB; ELISA; IP

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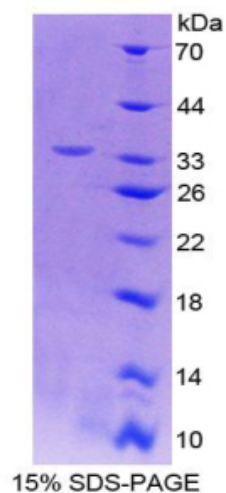
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4
GENE INFORMATION	
Gene Name	IL12b interleukin 12b [<i>Mus musculus</i> (house mouse)]
Official Symbol	IL12b
Synonyms	IL12b; interleukin 12b; p40; IL-12b; IL12p40; IL-12p40; interleukin-12 subunit beta; CLMF p40; IL-12 p40 subunit; IL-12 subunit p40; IL-23 subunit p40; cytotoxic lymphocyte maturation factor 40 kDa subunit; interleukin-12 p40 subunit
Gene ID	16160
mRNA Refseq	NM_001303244.1
Protein Refseq	NP_001290173.1
UniProt ID	P43432

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SDS-PAGE



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