

Product datasheet for **TP723755**

Il12b (NM_008352) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse interleukin 12b (Il12b)
Species:	Mouse
Expression Host:	Sf9
Expression cDNA Clone or AA Sequence:	Secreted protein (p40: Accession# NM_008352, p35: Accession# NM_008351)
Tag:	Tag Free
Predicted MW:	57.5 kDa
Concentration:	lot specific
Purity:	95%, as determined by Coomassie stained SDS-PAGE.
Buffer:	10 mM NaH ₂ PO ₄ , 150 mM NaCl, pH 7.2
Bioactivity:	The ED ₅₀ is 0.10 to 0.20 ng/ml, corresponding to a specific activity of 1.0 - 0.5 x 10 ⁷ units/mg, determined by the dose dependent stimulation of IFN γ production by mouse splenocytes.
Endotoxin:	Less than 0.01 ng per μ g protein as determined by the LAL method
Storage:	Store at -80°C.
Stability:	Unopened vial can be stored between 2°C and 8°C for up to 2 weeks, at -20°C for up to 6 months, or at -70°C or below until the expiration date. Aliquots can be stored between 2°C and 8°C for up to one week and stored at -20°C or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
RefSeq:	NP_032378
Locus ID:	16160
UniProt ID:	P43432
RefSeq Size:	1951
Cytogenetics:	11 25.94 cM
RefSeq ORF:	1005
Synonyms:	Il-12b; Il-12p40; Il12p40; p40



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Summary:

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. [provided by RefSeq, Dec 2014]