

Product datasheet for **TP723722**

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:	Mouse IL-12 p40 homodimer, the region of Met23-Ser335, from gene Accession# NM_008352
Tag:	Tag Free
Predicted MW:	35.8 kDa
Concentration:	lot specific
Purity:	>98%, as determined by Coomassie stained SDS-PAGE.
Buffer:	20 mM Tris-HCl, pH8.0, 0.1 M NaCl
Bioactivity:	The ED50 is 1- 4 ng/ml corresponding to a specific activity of 1.0 - 0.25 x 10 ⁶ units/mg, determined by the dose dependent inhibition of IL-12-dependent IFN γ production.
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]