

Product datasheet for **TP727432**

IL12b Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Interleukin-12 Subunit β /IL-12 p40/IL-12B (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Met23-Ser335
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Mouse Interleukin-12 subunit beta is produced by our Mammalian expression system and the target gene encoding Met23-Ser335 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	16160
UniProt ID:	P43432
Summary:	Interleukin-12 subunit beta (IL-12B) belongs to the type I cytokine receptor family. It contains 1 fibronectin type-III domain and 1 Ig-like C2-type domain. IL-12B is a cytokine that acts on T and natural killer cells, and has a broad array of biological activities. IL-12 is a disulfide-linked heterodimer composed of the 40 kD cytokine receptor encoded by IL12B and a 35 kD subunit encoded by IL12A. IL12 is expressed by activated macrophages that serve as an essential inducer of Th1 cells development. It has been found to be important for sustaining a sufficient number of memory/effector Th1 cells to mediate long-term protection to an intracellular pathogen.



[View online »](#)