

Product datasheet for **TP727240**

IL12B Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Interleukin-12 Subunit β^2 /IL-12 p40/IL-12B
Species:	Human
Expression cDNA Clone or AA Sequence:	Ile23-Ser328
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Interleukin-12 subunit beta is produced by our Mammalian expression system and the target gene encoding Ile23-Ser328 is expressed.
Stability:	12 months from date of despatch
Locus ID:	3593
UniProt ID:	P29460
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.



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