

Product datasheet for **TP724642**

IL12b Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Interleukin-12/IL-12 (C-His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	M23-S335; R23-A125
Tag:	C-8His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4
Note:	Recombinant Mouse Interleukin-12 is produced by Human 293 Cells. The target gene encoding M23-S335; R23-A125 is expressed with a 8His tag at the C terminus.
Stability:	12 months from date of despatch
Locus ID:	16160
UniProt ID:	P43432
Summary:	Interleukin-12 (IL-12) is a heterodimeric pleiotropic cytokine that consists of IL12A (p35) and IL12B (p40) subunits. IL?12 is expressed by macrophages and B lymphocytes and act as a growth factor for activated T and NK cells, help enhance the lytic activity of NK/lymphokine-activated killer cells, and stimulate the production of IFN-gamma by resting PBMC. Studies have shown that IL?12 is a key mediator of cellular-immunity and induces the differentiation of Th1 cells from precursor T helper cells. Based on its activities, it has been predicted that IL? 12 may have therapeutic potential as a vaccine adjuvant that promotes cellular-immunity and as an anti-tumor and anti-viral agent.



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