

Product datasheet for **TP727997**

IL3 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Interleukin-3/IL-3 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala20-Phe152
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Interleukin-3 is produced by our Mammalian expression system and the target gene encoding Ala20-Phe152 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	3562
UniProt ID:	P08700
Summary:	Interleukin-3 (IL-3) is a potent growth promoting cytokine. IL-3 can stimulate the proliferation and differentiation of pluripotent hematopoietic stem cells as well as various lineage committed progenitors. IL-3 exerts its biological function through binding to specific cell surface receptors. The amino acid sequences of this protein among different species share relatively low identity and its activity is highly species-specific. IL-3 has also been shown to possess neurotrophic activity, and is thought to be associated with neurologic disorders.



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