

Product datasheet for **TP723224**

IL3 (NM_010556) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse interleukin 3 (IL3).
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MDTHRLRRTL NCSSIVKEII GKLPEPELKT DDEGPSLRNK SFRRVNLSKF VESQGEVDPE DRYVIKSNLQ KLNCCCLPTSA NDSALPGVFI RDLDDFRKKL RFYMVHLNDL ETVLTSRPPQ PASGSVSPNR GTVEC
Tag:	Tag Free
Predicted MW:	15.1 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 µM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	The ED50 as determined by the dose-dependent stimulation of the proliferation of murine NFS-60 cells is less than or equal to 0.05 ng/ml, corresponding to a specific activity of > 2 x 10 ⁷ units/mg.
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_034686
Locus ID:	16187
UniProt ID:	P01586 , Q5SX77
RefSeq Size:	849
Cytogenetics:	11 32.13 cM
RefSeq ORF:	501
Synonyms:	BPA; Csfmu; HCGF; IL-3; MCGF; PSF



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Summary:

Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages.[UniProtKB/Swiss-Prot Function]