

Product datasheet for **TP723746**

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:	Mouse IL-3, the region of Ala 27 - Cys 166, from gene Accession# NM_010556
Tag:	Tag Free
Predicted MW:	15.7 kDa
Concentration:	lot specific
Purity:	>98%, as determined by Coomassie stained SDS-PAGE.
Buffer:	10 mM NaHPO4 pH 7.2, 0.15M NaCl
Bioactivity:	The ED50 is 0.05 - 0.200 ng/ml, corresponding to a specific activity of 0.5-2.0 x 10 ⁷ units/mg, determined by the dose dependent stimulation of a M-NFS-60 cell proliferation assay.
Endotoxin:	Less than 0.01 ng per µg protein as determined by the LAL method
Storage:	Store at -80°C.
Stability:	Unopened vial can be stored between 2°C and 8°C for up to 2 weeks, at -20°C for up to 6 months, or at -70°C or below until the expiration date. Aliquots can be stored between 2°C and 8°C for up to one week and stored at -20°C or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
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]

Product images: