

Product datasheet for **TP723143**

Csf2 (NM_009969) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse colony stimulating factor 2 (granulocyte-macrophage) (Csf2).
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MAPTRSPITV TRPWKHVEAI KEALNLLDDM PVTLNEEVEV VSNEFSFKKL TCVQTRLKIF EQGLRGNFTK LKGALNMTAS YYQTYCPPTP ETD CETQVTT YAD FIDSLKT FLTDIPFECK KPVQK
Tag:	Tag Free
Predicted MW:	14.2 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 FDC-P1 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_034099
Locus ID:	12981
UniProt ID:	P01587
RefSeq Size:	1033
Cytogenetics:	11 32.13 cM
RefSeq ORF:	423
Synonyms:	CSF; Csfgm; Gm-CSf; GMCSF; MGI-IGM



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Summary:

Cytokine that stimulates the growth and differentiation of hematopoietic precursor cells from various lineages, including granulocytes, macrophages, eosinophils and erythrocytes.
[UniProtKB/Swiss-Prot Function]

Product images: