

Product datasheet for **TP723128**

Csf3 (NM_009971) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse colony stimulating factor 3 (granulocyte) (Csf3).
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MVPLVTVSAL PPSLPLPRSF LLKSLEQVRK IQASGSVLE QLCATYKLCH PEELVLLGHS LGIPKASLSG CSSQALQQTQ CLSQLHSGLC LYQGLLQALS GISPALAPTL DLLQLDVANF ATTIWQQMEN LGVAPTQPT QSAMPAFTSA FQRRAGGVLA ISYLQGFLET ARLALHHLA
Tag:	Tag Free
Predicted MW:	19 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 was determined by the dose-dependent stimulation of the proliferation of murine NFS-60 cells is less than 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:	<u>NP_034101</u>
Locus ID:	12985
UniProt ID:	<u>P09920</u> , <u>Q0VB73</u>
RefSeq Size:	1363
Cytogenetics:	11 62.45 cM
RefSeq ORF:	624
Synonyms:	Csfg; G-CSF; MGI-IG



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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. This CSF induces granulocytes.[UniProtKB/Swiss-Prot Function]

Product images: