

## Product datasheet for **TP723737**

### 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:	Mouse G-CSF, the region of Val31-Ala208, from gene Accession# NM_009971
Tag:	Tag Free
Predicted MW:	19 kDa
Concentration:	lot specific
Purity:	>98%, as determined by Coomassie stained SDS-PAGE.
Buffer:	1 x PBS
Bioactivity:	The ED50 is 0.5 - 3 ng/ml, corresponding to a specific activity of 0.33 - 2.0 x 10 <sup>6</sup> units/mg, determined by M-NFS-60 cell proliferation induced by mouse G-CSF in a dose dependent manner.
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:	<a href="#">NP_034101</a>
Locus ID:	12985
UniProt ID:	<a href="#">P09920, Q0VB73</a>
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]