

## Product datasheet for **TP723753**

### 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:	Mouse GM-CSF, the region of Ala18-Lys141, from gene Accession# NM_009969
Tag:	Tag Free
Predicted MW:	14.2 kDa
Concentration:	lot specific
Purity:	Purity is >98%, as determined by Coomassie stained SDS-PAGE.
Buffer:	10 mM NaH <sub>2</sub> PO <sub>4</sub> , 150 mM NaCl, pH 7.2
Bioactivity:	The ED <sub>50</sub> is <0.05 ng/ml, corresponding to a specific activity >2x10 <sup>7</sup> units/mg.
Endotoxin:	Less than 0.01 ng per ug 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_034099</a>
Locus ID:	12981
UniProt ID:	<a href="#">P01587</a> , <a href="#">Q5SX78</a>
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:**