

## Product datasheet for TP526827

### Csf1 (NM\_007778) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse colony stimulating factor 1 (macrophage) (Csf1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR226827 representing NM_007778 Red=Cloning site Green=Tags(s)

MTARGAAGRCPSSTWLGSRLLLVLCLMSRSIAKEVSEHCSHMIGNHGLKVLQQLIDSQMETSQCIAFEFV  
DQEQLD DPVCYLKKAFFLVQDIIDETMRFKDNTPNANATERLQELSNLNLSFCFTKDYEEQNKACVRTFHE  
TPLQLLEKIKNFFNETKNLLEKDNIFTKNCNNSFAKCSSRDVVTKPDCNCLYPKATPSSDPASASPHQP  
PAPSMAPLAGLAWDDSQRTEGSSLLPSELPLRIEDPGSAKQRPPRSTCQTLESTEQPNHGDRLTEDSQPH  
PSAGGPVPGVEDILESSLGTNWVLEEASGEASEGFLTQEAKFSPSTPVGGSIQAETDRPRALSASPFPKS  
TEDQKPVDITDRPLTEVNPMPRIGQTQNNTPEKTDGTSTLREDHQEPGSPHIATPNPQRVNSNSATPVAQL  
LLPKSHSWGIVLPLGELEGKRSTRDRRSPAELEGGSASEGAARPVARFNSIPLTDTGHVEQHEGSSDPQI  
PESVFHLLVPGIILVLLTVGGLLFYKWKWRSHRDPQTLDSSVGRPEDSSLTQDEDRQVELPV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	61.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_031804</a>



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<b>Locus ID:</b>	12977
<b>UniProt ID:</b>	<u>P07141</u>
<b>RefSeq Size:</b>	4192
<b>Cytogenetics:</b>	3 46.83 cM
<b>RefSeq ORF:</b>	1656
<b>Synonyms:</b>	C87615; Csfm; MCSF; op
<b>Summary:</b>	<p>Cytokine that plays an essential role in the regulation of survival, proliferation and differentiation of hematopoietic precursor cells, especially mononuclear phagocytes, such as macrophages and monocytes. Promotes the release of proinflammatory chemokines, and thereby plays an important role in innate immunity and in inflammatory processes. Plays an important role in the regulation of osteoclast proliferation and differentiation, the regulation of bone resorption, and is required for normal bone development. Required for normal male and female fertility. Promotes reorganization of the actin cytoskeleton, regulates formation of membrane ruffles, cell adhesion and cell migration. Plays a role in lipoprotein clearance. [UniProtKB/Swiss-Prot Function]</p>