

Product datasheet for **TP723290**

Csf1 (NM_023981) Rat Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Rat colony stimulating factor 1 (macrophage) (Csf1).
Species:	Rat
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MEVSEHCSTM IGNGHLQILQ QLIDSQMETA CLIEYKFVDQ EQLDDPVCYL KKAFLVQVI IEETMRFKDN TPNANATERL QELSMKLNCS FIKDYKEQNE ACVQTYKESP LRLLEKIKNF FNETKNFLEK DWNIFSKNCN DSLAKCSSRD VVTKP
Tag:	Tag Free
Predicted MW:	18.1 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:	ED50 was determined by the dose-dependent stimulation of the proliferation of murine M-NFS-60 cells is less than or equal to 5.0 ng/ml, corresponding to a specific activity of >2 x 10 ⁵ units/mg. Cell culture factor (PMID: 30022569)
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_076471
Locus ID:	78965
UniProt ID:	Q6GMN4
RefSeq Size:	3975
Cytogenetics:	2q34
RefSeq ORF:	1716



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Summary: plays a role in macrophage formation; involved in osteoclastogenesis and endochondral ossification [RGD, Feb 2006]

Product images:

