

Product datasheet for **TP726873**

Csf1 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse M-CSF/CSF1 (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Lys33-Glu262
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Mouse Macrophage colony-stimulating factor 1 is produced by our Mammalian expression system and the target gene encoding Lys33-Glu262 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	12977
UniProt ID:	P07141
Summary:	Macrophage colony-stimulating factor 1 (M-CSF) is a single-pass type I membrane protein. It is a hematopoietic growth factor that is involved in the proliferation, differentiation, and survival of monocytes, macrophages, and bone marrow progenitor cells. M-CSF affects macrophages and monocytes in several ways, including stimulating increased phagocytic and chemotactic activity, and increased tumour cell cytotoxicity. The role of M-CSF is not only restricted to the monocyte/macrophage cell lineage. By interacting with its membrane receptor, M-CSF also modulates the proliferation of earlier hematopoietic progenitors and influence numerous physiological processes involved in immunology, metabolism, fertility and pregnancy.



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