

**Recombinant Mouse M-CSF/CSF1 Protein(C-6His)**

**Cat.NO.: TP05901**

3th Edition

**Synonyms:**Macrophage colony-stimulating factor 1;CSF-1;MCSF;Csf1;Csfm

**Description:**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.

**Form:**PBS

**Molecular Weight:**27.0 kDa

**Sequences:**Lys33-Glu262

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.