

Product Information

Recombinant Mouse Csf1r, Fc-His tagged

Product Information

Catalog#	MK0198M
Product Name	Recombinant Mouse Csf1r, Fc-His tagged
Product Overview	Recombinant Mouse Csf1r (Met1-Ser511), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
Description	M-CSFR encoded by the proto-oncogene c-fms is the receptor for colony stimulating factor 1, a cytokine involved in the proliferation, differentiation, and activation of macrophages. As a member of the tyreIII subfamily of receptor tyrosine kinases (RTKs), M-CSF receptor is expressed mainly on cells of monocyte/macrophage lineage, and consists of an extracellular ligand-binding domain and a cytoplasmic protein tyrosine kinase (PTK) domain joined through a single transmembrane helix. Ligand binding induces th
Source	HEK293 cells
Species	Mouse
Tag	Fc-His
Formulation	Lyophilized from a 0.2µm filtered solution of PBS, pH 7.4.
Storage	Store under sterile conditions at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.
Molecular Mass	The recombinant mouse CSF1R/Fc is a disulfide-linked homodimer. The reduced monomer comprises 740 amino acids and has a predicted molecular mass of 83.3 kDa. The apparent molecular mass of the protein is approximately 110 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Endotoxin	Less than 1.0 EU per µg as determined by the LAL method.
Notes	Research Use Only. Not for use in clinical procedures. Avoid repeated freeze-thaw cycles.