

Recombinant Mouse Csf1r protein, His-tagged

Cat. No. Csf1r-4000M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Csf1r protein(P09581)(Ala20-Ser511), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Ala20-Ser511
Tag	C-His
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Mouse M-CSF R, His tag captured on CM5 Chip via Anti-His Antibody can bind Human M-CSF, No tag with an affinity constant of 1.70 nM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 56.3 kDa. Due to glycosylation, the protein migrates to 76-82 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot

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the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Csf1r colony stimulating factor 1 receptor \[Mus musculus \]](#)

Official Symbol [Csf1r](#)

Synonyms

CSF1R; colony stimulating factor 1 receptor; macrophage colony-stimulating factor 1 receptor; c-fms; CSF-1-R; CSF-1 receptor; proto-oncogene fms; proto-oncogene c-Fms; Fms; CD115; Csfmr; Fim-2; CSF-1R; M-CSFR; M-CSF-R; AI323359;

Gene ID [12978](#)

mRNA Refseq [NM_001037859](#)

Protein Refseq [NP_001032948](#)

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