

## Active Recombinant Mouse Csf1r Protein, His-Avi-tagged, Biotinylated

Cat. No. Csf1r-4001M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Mouse M-CSF R, His Tag is expressed from HEK293 cells. It contains AA Ala 20 - Ser 511 (Accession # P09581-1). This protein carries an Avi tag at the C-terminus, followed by a polyhistidine tag.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	20-511 a.a.
<b>Predicted N Terminal</b>	Ala 20
<b>Form</b>	Lyophilized from 0.22 um filtered solution in PBS, pH7.4 , 10% trehalose.
<b>Bio-activity</b>	Immobilized Human M-CSF, His Tag at 10 ug/mL (100 uL/well) can bind Biotinylated Mouse M-CSF R, His Tag with a linear range of 0.625-10 ug/mL.
<b>Molecular Mass</b>	The protein has a calculated MW of 58.4 kDa. The protein migrates as 78-115 kDa under reducing condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.

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<b>Characteristic</b>	Biotinylation of this product is performed using Avitag technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin. The biotin to protein ratio is 0.5-1 as determined by the HABA assay.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. No activity loss is observed after storage at: 4-8°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
<b>Reconstitution</b>	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.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Csf1r colony stimulating factor 1 receptor [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">Csf1r</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">12978</a>
<b>mRNA Refseq</b>	<a href="#">NM_001037859</a>
<b>Protein Refseq</b>	<a href="#">NP_001032948</a>

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