

# Active Recombinant Human CSF1R protein, hFc&Avi-tagged, Biotinylated

Cat. No. CSF1R-0262H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human CSF1R protein(NP_005202.2)(Met1-Glu512), fused with hFc and Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-512 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4 Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Bio-activity</b>	Immobilized Human M-CSF His at 2 µg/mL (100 µL/well) can bind Human CSF1R (hFc & AVI Tag), Biotinylated, the EC50 of Human CSF1R (hFc & AVI Tag), Biotinylated is 6-42 ng/mL.
<b>Molecular Mass</b>	The recombinant human CSF1R consists of 746 amino acids and predicts a molecular mass of 83.04 kDa. It migrates as an approximately 110.87 kDa band in SDS-PAGE under reducing conditions.
<b>Proteinlength</b>	Met1-Glu512

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<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<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>	CSF1R colony stimulating factor 1 receptor [ Homo sapiens ]
<b>Official Symbol</b>	CSF1R
<b>Synonyms</b>	CSF1R; colony stimulating factor 1 receptor; FMS, McDonough feline sarcoma viral (v fms) oncogene homolog; macrophage colony-stimulating factor 1 receptor; C FMS; CD115; CSFR; CSF-1-R; CD115 antigen; CSF-1 receptor; FMS proto-oncogene; proto-oncogene c-Fms; macrophage colony stimulating factor I receptor; McDonough feline sarcoma viral (v-fms) oncogene homolog; FMS; FIM2; HDLS; C-FMS; CSF-1R; M-CSF-R;
<b>Gene ID</b>	1436
<b>mRNA Refseq</b>	NM_005211
<b>Protein Refseq</b>	NP_005202

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<b>MIM</b>	164770
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<b>UniProt ID</b>	P07333
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