

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

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

SPECIFICATION

Product Overview	Biotinylated Recombinant Human CSF1R protein(NP_005202.2)(Met1-Glu512), fused with hFc and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-512 a.a.
Form	Lyophilized from sterile PBS, pH 7.4Please 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.
Bio-activity	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.
Molecular Mass	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.
Proteinlength	Met1-Glu512

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Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	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.
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.
Conjugation	Biotin

GENE INFORMATION

Gene Name	CSF1R colony stimulating factor 1 receptor [Homo sapiens]
Official Symbol	CSF1R
Synonyms	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;
Gene ID	1436
mRNA Refseq	NM_005211
Protein Refseq	NP_005202

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MIM	164770
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UniProt ID	P07333
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