

Active Recombinant Human CSF1R protein, His-tagged

Cat. No. CSF1R-3532H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CSF1R protein(Met 1-Glu512) of human M-CSFR (NP_005202.2) precursor was expressed in HEK293 with the fused C-terminal polyhistidine-tagged.
Species	Human
Source	HEK293
ProteinLength	1-512 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human CSF1R at 10 µg/mL (100 µl/well) can bind biotinylated human CSF-1, The EC50 of biotinylated human CSF-1 is 8 ng/mL.
Molecular Mass	The recombinant human M-CSFR contains 504 amino acids after the removal of signal peptide with a calculated molecular mass of 56 kDa. As a result of glycosylation, it migrates as an approximately 85-95 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 98 % as determined by SDS-PAGE

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Storage Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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.

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

MIM 164770

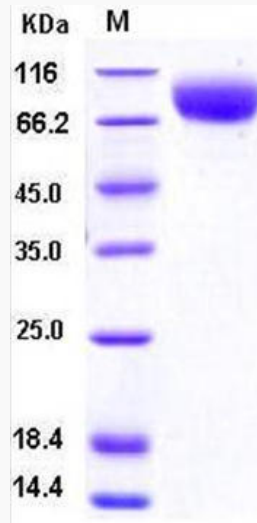
UniProt ID P07333

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SDS-PAGE



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