

Active Recombinant Human CSF1R protein, mFc-tagged

Cat. No. CSF1R-353H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSF1R protein(Ile 20 - Glu 512), fused with mFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ile 20 - Glu 512
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	Immobilized Human M-CSF R Protein, Mouse IgG2a Fc Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human M-CSF, His,Avitag with a linear range of 0.2-3 ng/mL. Immobilized Human M-CSF R Protein, Mouse IgG2a Fc Tag (at 5 µg/mL (100 µL/well) can bind Biotinylated Human IL-34, His,Avitag with a linear range of 0.2-10 ng/mL.
Molecular Mass	This protein carries a mouse IgG2a Fc tag at the C-terminus.The protein has a calculated MW of 81.4 kDa. The protein migrates as 105-120 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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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