

Active Recombinant Human CSF1R, Fc Chimera

Cat. No. CSF1R-469H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSF1R (Accession # CAA27300) was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Ile20
Form	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its ability to inhibit the M-CSF-induced proliferation of NFS-60 mouse myelogenous leukemia lymphoblast cells. Halenbeck, R. et al. (1989) Biotechnology 7:710. The ED50 for this effect is typically 0.004 - 0.012 µg/mL in the presence of 1 ng/mL of rhM-CSF.
Molecular Mass	Recombinant Human CSF1R, Fc Chimera has a calculated MW of 81 kDa (monomer). In SDS-PAGE migrates as 150 kDa, reducing conditions.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution Reconstitute at 10 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

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

Chromosome Location 5q32

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