

Active Recombinant Human CSF3R protein, hFc-tagged

Cat. No. CSF3R-164H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CSF3R protein(Met 1-Pro 621)(NP_000751.1) precursor was expressed in HEK293 with the fused Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-621 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to inhibit the GCSF-induced proliferation of NFS-60 mouse myeloid cells. The ED50 for this effect is typically 1-4 ng/ml in the presence of 0.125 ng/ml of recombinant human GCSF.
Molecular Mass	The mature recombinant human G-CSFR/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 835 amino acids and predicts a molecular mass of 93.3 kDa. By SDS-PAGE under reducing conditions, the apparent molecular mass of rh GCSFR/Fc monomer is approximately 120-130 kDa due to glycosylation.
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

 Tel: 1-631-559-9269 1-516-512-3133

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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 CSF3R colony stimulating factor 3 receptor (granulocyte) [Homo sapiens]

Official Symbol CSF3R

Synonyms

CSF3R; colony stimulating factor 3 receptor (granulocyte); CD114; granulocyte colony-stimulating factor receptor; GCSFR; G-CSF-R; CD114 antigen; G-CSF receptor;

Gene ID 1441

mRNA Refseq NM_000760

Protein Refseq NP_000751

MIM 138971

UniProt ID Q99062

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SDS-PAGE



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