

## Active Recombinant Human CSF3R protein, hFc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-621 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1 EU/g as determined by LAL test.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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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

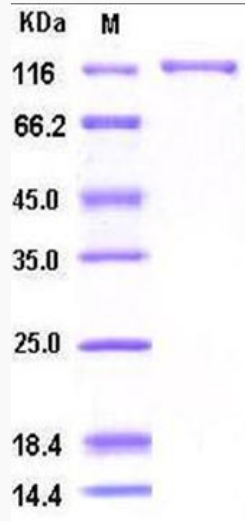
**UniProt ID** Q99062

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SDS-PAGE



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