

Active Recombinant Human CSF3R protein

Cat. No. CSF3R-1041H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CSF3R protein(NP_000751.1)(Met 1-Pro 621) with five amino acids at the C-terminus was expressed and purified in HEK293.
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 NFS60 mouse myeloid cells. The ED50 for this effect is typically 2-8 µg/mL.
Molecular Mass	The mature recombinant human G-CSFR consists of 63 amino acids and predicts a molecular mass of 69.0 KDa. As a result of glycosylation, the apparent molecular mass of rhG-CSFR is approximately 94 KDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	> 85 % as determined by SDS-PAGE
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-

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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

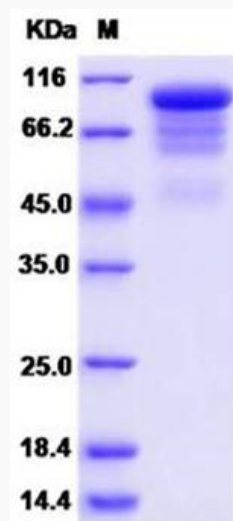
Gene Name	CSF3R colony stimulating factor 3 receptor (granulocyte) [Homo sapiens]
Official Symbol	CSF3R
Synonyms	CSF3R; colony stimulating factor 3 receptor (granulocyte); CD114; granulocyte colony-stimulating factor receptor; GCSFR; G-CSF-R; CD114 antigen; G-CSF receptor;
Gene ID	1441
mRNA Refseq	NM_000760
Protein Refseq	NP_000751
MIM	138971
UniProt ID	Q99062

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SDS-PAGE



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