

## Active Recombinant Human CSF3 protein(isoform b)

Cat. No. CSF3-6343H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CSF3 protein(isoform b)(NP_757373.1) (Ala30-Pro204) was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	30-204 aa
<b>Form</b>	Lyophilized from sterile sterile PBS, pH 7.4.
<b>Bio-activity</b>	Measured in a cell proliferation assay using NFS-60 mouse myelogenous leukemia lymphoblast cells. The ED50 for this effect is typically 0.04-0.2 ng/mL.
<b>Molecular Mass</b>	The recombinant human GCSFb consists of 175 amino acids and has a calculated molecular mass of 18.7 kDa. It migrates as an approximately 18 kDa protein in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	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-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	CSF3 colony stimulating factor 3 (granulocyte) [ Homo sapiens ]
<b>Official Symbol</b>	CSF3
<b>Synonyms</b>	CSF3; colony stimulating factor 3 (granulocyte); C17orf33, chromosome 17 open reading frame 33, G CSF, GCSF; granulocyte colony-stimulating factor; filgrastim; granulocyte colony stimulating factor; lenograstim; MGC45931; pluripoietin; GCSF; CSF3OS; C17orf33;
<b>Gene ID</b>	1440
<b>mRNA Refseq</b>	NM_000759
<b>Protein Refseq</b>	NP_000750
<b>MIM</b>	138970
<b>UniProt ID</b>	P09919

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