Active Recombinant Human CSF3 protein, His-tagged

Cat. No. CSF3-207H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSF3 protein(Met1-Pro204), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-204 aa
Form	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Bio-activity	1. Measured in a cell proliferation assay using NFS-60 mouse myelogenous leukemia lymphoblast cells. The ED50 for this effect is 41-164 pg/mL.
Molecular Mass	22.82 kDa
Endotoxin	< 0.1 EU/μg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE; ≥ 95 % as determined by HPLC.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL

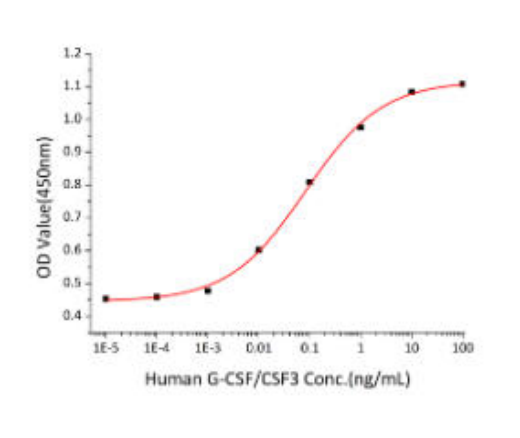
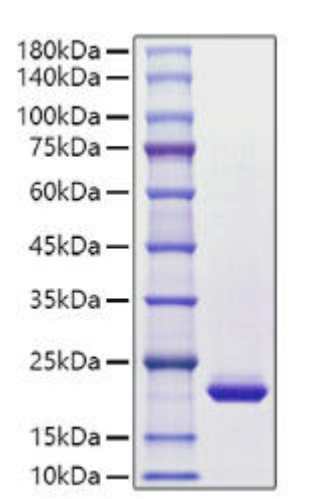
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	in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name	CSF3 colony stimulating factor 3 (granulocyte) [Homo sapiens]
Official Symbol	CSF3
Synonyms	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;
Gene ID	1440
mRNA Refseq	NM_000759
Protein Refseq	NP_000750
MIM	138970
UniProt ID	P09919

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Activity	
SDS-PAGE	

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