

Recombinant Human CSF3 protein, His-tagged

Cat. No. CSF3-775H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSF3 aa. (Cys47~Ala205 (Accession # P09919)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Cys47~Ala205
Description	The protein encoded by this gene is a cytokine that controls the production, differentiation, and function of granulocytes. The active protein is found extracellularly. Alternatively spliced transcript variants have been described for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 5.8.
Applications	SDS-PAGE; WB; ELISA; IP

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and preservative
Reconstitution	Reconstitute in sterile ddH2O

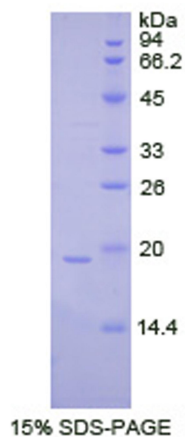
GENE INFORMATION

Gene Name	CSF3 colony stimulating factor 3 [Homo sapiens (human)]
Official Symbol	CSF3
Synonyms	CSF3; colony stimulating factor 3; GCSF; CSF3OS; C17orf33; granulocyte colony-stimulating factor; colony stimulating factor 3 (granulocyte); filgrastim; granulocyte-colony stimulating factor; lenograstim; pluripoietin
Gene ID	1440
mRNA Refseq	NM_000759.3
Protein Refseq	NP_000750.1
UniProt ID	P09919

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SDS-PAGE**15% SDS-PAGE**

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