

Recombinant Human CSF3 Protein

Cat. No. CSF3-032H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human G-CSF / GCSFb (rhG-CSF) Thr2- Pro200, (Accession # NP_757373.1) was produced in E.coli cells.
Species	Human
Source	E.coli
ProteinLength	2-200 a.a.
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. [provided by RefSeq, May 2010]
Molecular Mass	rhG-CSF is fused with an additional Met at the N-terminus has a calculated MW of 18.8 kDa expressed. Protein migrates as 15-20 kDa in reduced SDS-PAGE.
Endotoxin	Less than 1.0 EU per 1 µL of the rhG-CSF by the LAL method.
Purity	>98% as determined by SDS-PAGE. All lots are greater than 98% pure.
Notes	Research Use Only. Not for use in diagnostic or therapeutic procedures.
Storage	Store at -20 centigrade in lyophilized state after receipt. For long term storage, upon reconstitution rhG-CSF should be aliquot and store at -20 centigrade or -8 centigrade.

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Avoid repeated freeze-thaw cycles.

Storage Buffer

Bulk protein in a 0.22 µL filtered solution of 20mM Tris, 20mM NaCl, pH 8.0 and delivered as liquid formulation or lyophilized powder. Normally 5-8% trehalose and mannitol are added as protectants before lyophilization.

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; pluripoiectin; GCSF; CSF3OS; C17orf33;

Gene ID

1440

mRNA Refseq

NM_000759

Protein Refseq

NP_000750

MIM

138970

UniProt ID

P09919

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