

Recombinant Human colony stimulating factor 3 Protein, His tagged

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

SPECIFICATION

Product Overview	Recombinant human G-CSF protein (P09919-2) (Thr 31-Pro 204) with a His tag at the C-terminus was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	31-204aa
Description	This gene encodes a member of the IL-6 superfamily of cytokines. The encoded cytokine controls the production, differentiation, and function of granulocytes. Granulocytes are a type of white blood cell that are part of the innate immune response. A modified form of this protein is commonly administered to manage chemotherapy-induced neutropenia. Alternatively spliced transcript variants have been described for this gene. Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages. This CSF induces granulocytes.
Tag	C-His
Molecular Mass	20 kDa
Endotoxin	Less than 1.0 EU/μg by the LAL method.

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Purity	>95% as determined by SDS-PAGE.
Storage	Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.
Reconstitution	Reconstitute at 250 µg/mL in sterile water.

GENE INFORMATION

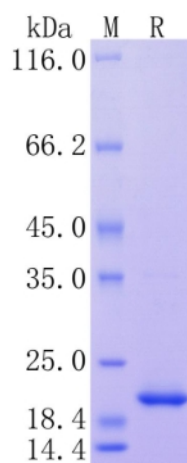
Gene Name	CSF3 colony stimulating factor 3 [Homo sapiens (human)]
Official Symbol	CSF3
Synonyms	CSF3; colony stimulating factor 3 (granulocyte); C17orf33, chromosome 17 open reading frame 33, G CSF, GCSF; granulocyte colony-stimulating factor; filgrastim; granulocyte colony stimulating factor; lenograstim; 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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**Protein on SDS-
PAGE under
reducing (R)
condition.**



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