

Active Recombinant Human CSF3 Protein, Animal Free

Cat. No. CSF3-16H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSF3 Protein without tag was expressed in Human cells. Animal Free and Xeno Free
Species	Human
Source	Human Cells
Description	Granulocyte colony stimulating factor (G-CSF) is a hematopoietic growth factor belonging to the CSF family. G-CSF is mainly expressed in monocyte/macrophage lineage. It is also expressed in cells of mesodermal origin, including vascular endothelial cells, fibroblasts, and mesothelial cells. G-CSF acts in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages.
Bio-activity	The activity was measured by its ability to stimulate the proliferation of murine M-NFS-60 cells (Mouse Myeloid Leukemia indicator cell line).
Molecular Mass	21-25 kDa
Endotoxin	<0.5 EU/ µg
Purity	High Purity, >95% by SDS-PAGE
Stability	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80 centigrade as supplied. 1 month, 2 to 8

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centigrade under sterile conditions after reconstitution. 3 months, -20 to -80 centigrade under sterile conditions after reconstitution.

Storage Buffer Lyophilized from a 0.2 µm filtered solution in PBS without carrier protein

Reconstitution Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.

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; filgrastim; granulocyte-colony stimulating factor; lenograstim; pluripoietin

Gene ID 1440

mRNA Refseq NM_000759

Protein Refseq NP_000750

MIM 138970

UniProt ID P09919

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