

Active Recombinant Mouse Csf3 Protein

Cat. No. Csf3-047M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse colony stimulating factor 3 (granulocyte) (Csf3) (Val31-Ala208) without tag was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	31-208 a.a.
Description	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.
Bio-activity	The ED50 is 0.5 - 3 ng/ml, corresponding to a specific activity of 0.33 - 2.0 x 10 ⁶ units/mg, determined by M-NFS-60 cell proliferation induced by mouse G-CSF in a dose dependent manner.
Molecular Mass	19 kDa
Endotoxin	Less than 0.01 ng per g protein as determined by the LAL method
Purity	>98%, as determined by Coomassie stained SDS-PAGE.
Stability	Unopened vial can be stored between 2 centigrade and 8 centigrade for up to 2

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

weeks, at -20 centigrade for up to 6 months, or at -70 centigrade or below until the expiration date. Aliquots can be stored between 2 centigrade and 8 centigrade for up to one week and stored at -20 centigrade or colder for up to 3 months. Avoid repeated freeze/thaw cycles.

Storage	Store at -80 centigrade.
Concentration	Protein formulated and vialled at >50 ug/mL in specified buffer
Storage Buffer	1 x PBS

GENE INFORMATION

Gene Name	Csf3 colony stimulating factor 3 (granulocyte) [<i>Mus musculus</i> (house mouse)]
Official Symbol	Csf3
Synonyms	Csf3; colony stimulating factor 3 (granulocyte); Csfg; G-CSF; MGI-IG; granulocyte colony-stimulating factor
Gene ID	12985
mRNA Refseq	NM_009971
Protein Refseq	NP_034101
UniProt ID	P09920

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA