

CSF-3, MGI-1G

Catalog # PVGS1336

### **Specification**

### CSF-3, MGI-1G - Product Information

Primary Accession **Species** Rat P97712

# **Sequence**

MIPLLTVSSL PPSLPLPRSF LLKSLEQVRK IQARNTELLE QLCATYKLCH PEELVLFGHS LGIPKASLSS CSSQALQQTK CLSQLHSGLF LYQGLLQALA GISSELAPTL DMLHLDVDNF ATTIWQQMES LGVAPTVQPT QSTMPIFTSA FQRRAGGVLV TSYLQSFLET AHHALHHLPR PAQKHFPESL FISI

## **Purity**

> 95% by SDS-PAGE analysis.

### **Endotoxin Level**

< 0.2 EU/ µg, determined by LAL method.

Formulation Lyophilized after extensive dialysis against

20mM Citric Acid

#### Reconstitution

Reconstituted in ddH<sub>2</sub>0 at 100 μg/mL.

#### CSF-3, MGI-1G - Additional Information

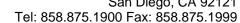
# **Target Background**

<bs>Granulocyte Colony-Stimulating Factor (G-CSF)</b> is a hematopoietic cytokine belonging to the four-helix bundle cytokine superfamily. G-CSF is produced by monocytes, macrophages, fibroblasts, and endothelial cells. Its expression is highly regulated and induced by a variety of agents, including Tumor Necrosis Factor (TNF), Interleukin-1 (IL-1), Interferon  $\gamma$  (IFN- $\gamma$ ), and Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF). G-CSF binds to the CSF-specific high affinity receptors expressed on neutrophilic granulocyte lineage. <i>In vivo</i>G-CSF regulates the production of neutrophilic granulocytes, a critical part of host defense systems, and helps the maturation of leukemic cell lines. G-CSF is widely employed clinically because of its fairly innocuous safety profile.<br/>
| Specific high affinity in the color of the col

CSF-3, MGI-1G - Protein Information

CSF-3, MGI-1G - Protocols







Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CSF-3, MGI-1G - Images