

# Human G-CSF / CSF3 Protein (isoform b)

Catalog Number: 10007-HNCH



**Sino Biological Inc.**  
Biological Solution Specialist

## General Information

### Gene Name Synonym:

CSF3,GCSF; G-CSF; MGC45931

### Protein Construction:

A DNA sequence encoding the human GCSF isoform b (NP\_757373.1) (Ala30-Pro204) was expressed.

**Source:** Human

**Expression Host:** Human Cells

## QC Testing

**Purity:** > 95 % as determined by SDS-PAGE

### Bio-Activity:

Measured in a cell proliferation assay using NFS-60 mouse myelogenous leukemia lymphoblast cells.

The ED50 for this effect is typically 0.04-0.2 ng/mL.

### Endotoxin:

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

**Predicted N terminal:** Ala 30

### Molecular Mass:

The recombinant human GCSFb consists of 175 amino acids and has a calculated molecular mass of 18.7 kDa. It migrates as an approximately 17.8 kDa protein in SDS-PAGE under reducing conditions.

### Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

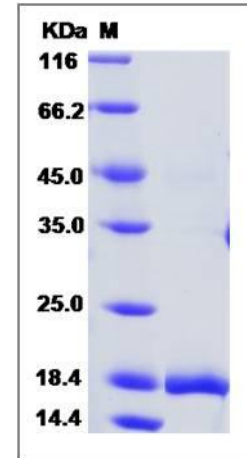
## Usage Guide

### Storage:

Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

### SDS-PAGE:



### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

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