

Human CSF3 recombinant protein (Native)



Catalog Number: 514843

General Information

Gene Name Synonym

G-CSF; Pluripoietin; Filgrastim; Lenograstim

Protein Construction

A DNA sequence encoding the human CSF3 (NP_757373.1) (Met1-Pro204) was expressed with an initial Met.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured in a cell proliferation assay using NFS-60 mouse myelogenous leukemia lymphoblast cells. The ED₅₀ for this effect is 50-200 pg/mL.

Purity

> 95 % as determined by SDS-PAGE.

Endotoxin

< 1.0 EU per µg 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 CSF3 consists of 175 amino acids and predicts a molecular mass of 18.7 kDa.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.

2. Please contact us for any concerns or special requirements.

Usage Guide

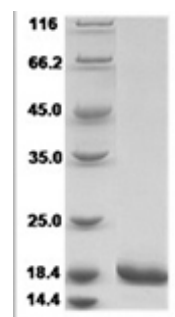
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

SDS-PAGE



Human G-CSF/CSF3 Protein 14119