

PRODUCT INFORMATION

G-CSF **Target**

Synonyms CSF3; CSF3OS; C17orf33

Recombinant human G-CSF Protein with C-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** P09919-2 **Expression Host** HEK293

Tag C-Human Fc tag

Molecular

Background

G-CSF(Thr31-Pro204) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

44.8 kDa after removal of the signal peptide. The apparent molecular mass of G-CSF-hFc is **Molecular Weight**

approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the IL-6 superfamily of cytokines. The encoded cytokine controls the production, differentiation, and function of granulocytes. Granulocytes are a type of white blood cell that are part of the innate immune response. A modified form of this protein

is commonly administered to manage

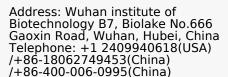
chemotherapy-induced neutropenia. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, May 2020]

Usage Research use only

Conjugate Unconjugated



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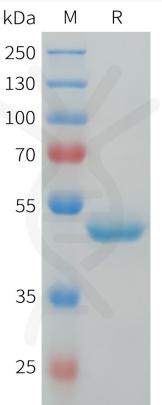


Figure 1. Human G-CSF Protein, hFc Tag on SDS-PAGE under reducing condition.

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