

Recombinant Human Granulocyte Colony Stimulating Factor Reference Standard

Cat. No. GCSF-10HRS **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	E.coli
Tag	Non
Form	Freeze dried powder
Stability	Accelerated degradation studies have indicated that this material is suitably stable, when stored at -20°C or below, for the assigned values to remain valid until the material is withdrawn or replaced. These studies have also shown that the material is suitably stable for shipment at ambient temperature without any effect on the assigned values. Once reconstituted, diluted or aliquoted, users should determine the stability of the material according to their own method of preparation, storage and use.
Storage	For economy of use, it is recommended that the solution be sub divided into several small aliquots and stored at -40°C or below. Avoid repeated thawing/freezing. Unopened ampoules should be stored at -20°C.
contents	Each ampoule contains the residue after freeze-drying of 1.0 ml of a solution comprising:

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

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

G-CSF, approximately 1000 ng
10 mg L-Arginine
10 mg L-Phenylalanine
5 mg Trehalose
2 mg Human Serum Albumin
0.01 % Tween 20

Shipping

Because of the inherent stability of lyophilized material, may ship these materials at ambient temperature.

UNITAGE

The assigned potency agreed on the basis of an International Collaborative Study is 95,000 International Units of biological activity per ampoule.

USE OF MATERIAL

No attempt should be made to weigh out any portion of the freeze-dried material prior to reconstitution.
Dissolve the total contents of the ampoule in 1.0ml of sterile distilled water. This solution will contain G-CSF at a concentration of 95,000 International Units/ml. Use carrier protein where extensive dilution is required.

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