

## Human G-CSF (glycosylated, HEK)

Synonyms: CSF-3, MGI-1G, GM-CSF beta, Pluripoietin, Filgrastim, Lenograstim, G-CSF, MGC45931, GCSF.

*PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING*

Size	Order#	Lot#	Expiry Date
2 µg	1430.955.002		
10 µg	1430.955.010		
1 mg	1430.955.199		

Please enquire for bulk quantities and other vial sizes.

### Description

G-CSF Human Recombinant produced in HEK cells is a glycosylated monomer, having a molecular weight range of 21-25kDa due to glycosylation.

- **Source** HEK
- **Purity** ≥ 95 % (SDS-PAGE)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** The G-CSF was lyophilized from 1 mg/ml in 1 xPBS\*
- **Physical State** Sterile filtered, lyophilized

### Biological Activity

The specific activity was determined by the dose-dependent stimulation of the proliferation of murine M-NFS-60 cells (Mouse Myeloid Leukemia indicator cell line), the ED<sub>50</sub> is <0.01ng/ml.

### Reconstitution

It is recommended to reconstitute the lyophilized G-CSF in sterile 1 xPBS containing 0.1 % endotoxin-free recombinant HSA (order number: 2835.958.xyz).

### Stability

Lyophilized G-CSF although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution G-CSF should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1 % HSA, order number: 2835.955.xyz or 2835.958.xyz, or BSA, order number: 2835.919.xyz). **Please avoid repeated freeze-thaw cycles.**

**Usage:** For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

\*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.