

PRODUCT INFORMATION

Granulocyte-Colony Stimulating Factor, human, recombinant (rhG-CSF)

- **Catalog Number** PGR107
- **Source** The cDNA sequence of mature human G-CSF was expressed in a **Chinese hamster ovary cell line.**
- **Molecular Mass** The recombinant human G-CSF contains 174 amino acid residues and the rhG-CSF has a molecular mass of approximately 18.8 kDa.
- **Purity** > 95%, as determined by SDS-PAGE under reducing condition and visualized by silver stain.
- **Endotoxin Level** < 1.0 EU per 1 μ g of the recombinant human G-CSF as determined by the LAL method.
- **Biological Activity** The biological activity of PanGen's recombinant human G-CSF was measured in a cell proliferation assay using murine NFS-60 cells. The ED₅₀ for this effect is typically 0.02 ~ 0.08 ng/mL.
- **Formulation** The sterile filtered solution in PBS, pH 7.4, containing 50 μ g of bovine serum albumin per 1 μ g of cytokine.
(Bovine serum albumin free rhG-CSF is also available.)
- **Storage** This cytokine can be stored under sterile conditions at 4°C for two months or at -70°C for six months without detectable loss of activity.
Avoid repeated freeze-thaw cycles.

For research use only. Not for use in Humans