

ANTIGENIX AMERICA inc.

PRODUCT INFORMATION SUMMARY

Rat G-CSF

Purified Factor	Product Number	RC333195B	10.0 ug
		RC333195A	2.0 ug

DESCRIPTION:

Rat Granulocyte-Colony Stimulating Factor (G-CSF) is species-specific growth factor for bone marrow neutrophils. G-CSF stimulates precursors of neutrophils and can activate and enhance survival of mature neutrophils. Rat G-CSF has molecular weight of 21.6 kDa, and 19r aa. residues.

SOURCE: E. Coli, sterile-filtered, lyophilized
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug Rat G-CSF

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards.
Specific activity of 0.05 ng/mL, as determined by dose dependent stimulation of murine M-NFS-60 cells corresponding to specific activity of 2×10^7 units/mg.

HANDLING AND STORAGE:

Purified **Rat** G-CSF factor is provided lyophilized from 10mM Na Citrate, pH 4.0., and free of additives. Store lyophilized, at -20° C. Reconstitute with **sterile or distilled water** to a concentration of 100 ug/mL, then further dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, at high concentration.

Microcentrifuge before reconstitution. Because ANTIGENIX factors are provided without carrier proteins like sucrose or BSA, the small quantities of lyophilized protein can adhere to the sides and cap of the vial during manufacture. **Before opening the vial**, we recommend microcentrifuging for 30 seconds to spin-down all material.

RESEARCH USE ONLY -NOT for DRUG USE

www.antigenix.com