

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name:	G-CSF, Rat (HEK 293-expressed)
Cat. No.:	Z03101-10; Z03101-50; Z03101-1
Lot No.:	B60111307
Size:	10 µg/vial; 50 µg/vial; 1 mg/vial
Storage Condition:	Lyophilized recombinant Rat Granulocyte Colony-Stimulating Factor (G-CSF) remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, Rat Granulocyte Colony-Stimulating Factor (G-CSF) should be stable up to 1 week at 4°C or up to 2 months at -20°C.

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### Quality Control

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Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE)	> 95%	Conformed
Purity (HPLC)	> 95%	Conformed
Specific Activity	< 5 pg/ml	Conformed
Molecular Weight	25~28 kDa	Conformed
Bacterial Endotoxin	< 0.2 EU/µg	Conformed

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### Caution:

For laboratory use only. Not for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by:  Date: 07/22/2013  
Bioprocess Department