



Certificate of Analysis

G-CSF Protein, Mouse (CHO)

Cat. No.: HY-P7068
Batch No.: 322784
Species: Mouse
Source: CHO
Tag: Tag Free
Accession: P09920 (V31-A208)
Gene ID: 12985
Molecular Weight: 22-24 kDa

ANALYTICAL DATA

| TEST | Specifications | Results |
|---------------------|---|---------|
| Purity | Greater than 95% as determined by reducing SDS-PAGE. | ≥95.0% |
| Endotoxin Level | <0.2 EU/μg, determined by LAL method. | PASS |
| Biological Activity | The ED ₅₀ is <0.02 ng/mL as measured by NFS-60 cells. | PASS |
| Appearance | Lyophilized powder | |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose). | |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage. | |
| Shipping | Room temperature in continental US; may vary elsewhere. | |

Caution: Product has not been fully validated for medical applications. For research use only.

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