



Certificate of Analysis

G-CSFR/CD114 Protein, Human (HEK293, His)

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|-------------------|---------------------|
| Cat. No.: | HY-P75694 |
| Batch No.: | 291698 |
| Species: | Human |
| Source: | HEK293 |
| Tag: | C-His |
| Accession: | Q99062-1 (E25-H627) |
| Gene ID: | 1441 |
| Molecular Weight: | 90-110 kDa |

ANALYTICAL DATA

| TEST | Specifications | Results |
|---------------------|--|-----------|
| Purity | Greater than 95% as determined by reducing SDS-PAGE | ≥95.0% |
| Endotoxin Level | <1 EU/μg, determined by LAL method. | PASS |
| Biological Activity | Immobilized Human G-CSF R, His Tag at 1 μg/mL (100 μl/well) on the plate. Dose response curve for Human G-CSF, hFc Tag with the EC ₅₀ of ≤ 6.0 ng/mL determined by ELISA. | 3.8 ng/mL |
| Appearance | Lyophilized powder | |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. | |
| 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. 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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