



Certificate of Analysis

TPO/Thrombopoietin Protein, Human (CHO, His)

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|-------------------|-------------------------|
| Cat. No.: | HY-P7115 |
| Batch No.: | 317092 |
| Species: | Human |
| Source: | CHO |
| Tag: | C-His |
| Accession: | P40225 (S22-G353) |
| Gene ID: | 7066 |
| Molecular Weight: | Approximately 60-80 kDa |

ANALYTICAL DATA

| TEST | Specifications | Results |
|---------------------|---|---------|
| Purity | Greater than 95% as determined by reducing SDS-PAGE | 96.20% |
| Endotoxin Level | <1 EU/μg, determined by LAL method. | PASS |
| Biological Activity | The ED ₅₀ is typically 1-200 ng/mL as measured by MO7e human megakaryocytic leukemic cells in a cell proliferation assay. | 1 ng/mL |
| Appearance | Solution | |
| Concentration | 0.28 mg/mL | |
| Reconstitution | N/A. | |
| Storage & Stability | Stored at -80°C for 1 years. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles. | |
| Shipping | Shipping with dry ice | |

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

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