



Certificate of Analysis

Erythropoietin/EPO Protein, Mouse (HEK293, solution)

Cat. No.: HY-P73038
Batch No.: 273817
Species: Mouse
Source: HEK293
Tag: Tag Free
Accession: NP_031968.1 (A27-R192)
Gene ID: 13856
Molecular Weight: Approximately 18.6 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. | <1 EU/μg |
| Biological Activity | Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED ₅₀ for this effect is typically 2-10 ng/mL. | 5 ng/mL |
| Appearance | Solution. | |
| Concentration | 2.06 mg/mL | |
| Reconstitution | N/A. | |
| Storage & Stability | Stored at -80°C for 1 year. 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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