



Certificate of Analysis

Animal-Free MIP-1 alpha/CCL3 Protein, Mouse (His)

Cat. No.: HY-P7768AF
Batch No.: 268478
Species: Mouse
Source: *E. coli*
Tag: N-His;N-His
Accession: P10855 (A24-A92)
Gene ID: 20302
Molecular Weight: Approximately 8.69 kDa

ANALYTICAL DATA

| TEST | Specifications | Results |
|---------------------|---|---------|
| Purity | Greater than 95% as determined by reducing SDS-PAGE. | ≥98.0% |
| Endotoxin Level | <0.1 EU per 1 µg of the protein by the LAL method. | PASS |
| Biological Activity | Measure by its ability to chemoattract BaF3 cells transfected with human CCR5. The ED ₅₀ for this effect is <1.8 ng/mL. | PASS |
| 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. 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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