



Certificate of Analysis

OSM Protein, Human (227a.a, His)

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|-------------------|----------------------|
| Cat. No.: | HY-P7052B |
| Batch No.: | 212837 |
| Species: | Human |
| Source: | <i>E. coli</i> |
| Tag: | N-6*His |
| Accession: | P13725 (A26-R252) |
| Gene ID: | 5008 |
| Molecular Weight: | Approximately 27 kDa |

ANALYTICAL DATA

| TEST | Specifications | Results |
|---------------------|--|---------|
| Purity | Greater than 95% as determined by reducing SDS-PAGE | 95.00% |
| Endotoxin Level | <1 EU/μg, determined by LAL method. | PASS |
| Biological Activity | Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED ₅₀ for this effect is 0.2968 ng/mL, corresponding to a specific activity is 3.369×10 ⁶ U/mg. | 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 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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