



Certificate of Analysis

CHI3L1 Protein, Mouse (381a.a, HEK293, His)

| | |
|-------------------|-------------------------|
| Cat. No.: | HY-P76702 |
| Batch No.: | 253736 |
| Species: | Mouse |
| Source: | HEK293 |
| Tag: | C-10*His |
| Accession: | Q61362-2 (Y22-A381) |
| Gene ID: | 12654 |
| Molecular Weight: | Approximately 40.83 kDa |

ANALYTICAL DATA

| TEST | Specifications | Results |
|---------------------|---|---------|
| Purity | Greater than 95% as determined by reducing SDS-PAGE | 96.11% |
| Endotoxin Level | <1 EU/μg, determined by LAL method. | PASS |
| Biological Activity | Measured by the ability of the immobilized protein to support the adhesion of FaDu human squamous cell carcinoma cells. The ED ₅₀ for this effect is 3.232 μg/ml, corresponding to a specific activity is 309.4059 units/mg. | PASS |
| Appearance | Lyophilized powder. | |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose). | |
| 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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