



Certificate of Analysis

Contactin-3/CNTN3 Protein, Rat (HEK293, His)

| | |
|-------------------|---|
| Cat. No.: | HY-P74226 |
| Batch No.: | 398600 |
| Species: | Rat |
| Source: | HEK293 |
| Tag: | C-10*His |
| Accession: | Q62682 (E20-G1001) |
| Gene ID: | 54279 |
| Molecular Weight: | Approximately 120-150 kDa due to the glycosylation. |

ANALYTICAL DATA

| TEST | Specifications | Results |
|---------------------|---|-------------|
| Purity | Greater than 95% as determined by reducing SDS-PAGE. | ≥98.0% |
| Endotoxin Level | <1 EU/μg, determined by LAL method. | PASS |
| Biological Activity | Measured by its binding ability in a functional ELISA. When Recombinant Rat CNTN3 is present at 2 μg/mL, can bind Recombinant Human Amyloid Precursor. The ED ₅₀ for this effect is 0.098 μg/mL. | 0.098 μg/mL |
| 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 for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA