



Certificate of Analysis

GFRA1/GDNFR-alpha-1 Protein, Rat (HEK293, His)

Cat. No.:	HY-P76949
Batch No.:	344780
Species:	Rat
Source:	HEK293
Tag:	C-His
Accession:	Q62997-1 (D25-L445)
Gene ID:	25454
Molecular Weight:	Approximately 58-70 kDa due to the glycosylation

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	96.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using SH-SY5Y Human neuroblastoma cells. The ED ₅₀ for this effect is ≤0.8977 μg/mL, corresponding to a specific activity is ≥1114 units/mg.	0.8977 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