



# Certificate of Analysis

## NLGN1 Protein, Human (HEK293, C-His)

Cat. No.:	HY-P74705
Batch No.:	292782
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	Q8N2Q7-2/NP_055747.1 (Q46-S677)
Gene ID:	22871
Molecular Weight:	85-95 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. When recombinant human Neuroligin-1 is immobilized at 5 μg/mL, biotinylated recombinant human Neurexin 1 beta binds with an apparent KD is 36.43 nM.	PASS
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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. 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