



# Certificate of Analysis

## NRXN3/Neurexin-3 Protein, Human (HEK293, His)

Cat. No.:	HY-P75946
Batch No.:	320294
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	Q9HDB5-1 (S36-L357)
Gene ID:	9369
Molecular Weight:	Approximately 50-70 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 the ability of the immobilized protein to support the adhesion of C6 Rat brain glial cells. When $5 \times 10^4$ cells/well are added to NRXN3 coated plates (0.8 μg/mL and 100 μL/well), approximately 46.72% will adhere specifically after 60 minutes at 37°C.	46.72%
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 (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.**

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