



# Certificate of Analysis

## NRG1-beta 1 Protein, Human (HEK293)

Cat. No.:	HY-P73328
Batch No.:	346022
Species:	Human
Source:	HEK293
Tag:	Tag Free
Accession:	Q02297-6 (S2-K246)
Gene ID:	3084
Molecular Weight:	Approximately 26.8 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using MCF-7 cells and the ED <sub>50</sub> is typically 2-10 ng/mL.	5 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O.	
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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