



# Certificate of Analysis

## REG-3 alpha/REG3A Protein, Human (HEK293, His)

Cat. No.:	HY-P76002
Batch No.:	289392
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	Q06141-1 (E27-D175)
Gene ID:	5068
Molecular Weight:	Approximately 18 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 ability to enhance the outgrowth of SH-SY5Y cells. The ED <sub>50</sub> of this effect is 4.456 μg/mL, corresponding to a specific activity is 224.42 units/mg.	4.456 μg/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. 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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