



Certificate of Analysis

Neurolysin Protein, Human (His)

Cat. No.:	HY-P75938
Batch No.:	245247
Species:	Human
Source:	<i>E. coli</i>
Tag:	N-His
Accession:	Q9BYT8 (S38-P704)
Gene ID:	57486
Molecular Weight:	Approximately 67 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	96.10%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to cleave a fluorogenic peptide substrate (7-methoxycoumarin-4-yl) acetyl Pro-Leu-Gly-Pro-D-Lys(2,4-dinitrophenyl)-OH and the specific activity is > 100 pmol/min/μg.	140 pmol/min/μg
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ 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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