



Certificate of Analysis

BACE1 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P72843
Batch No.:	274346
Species:	Mouse
Source:	HEK293
Tag:	C-His
Accession:	NP_035922.4 (T22-T457)
Gene ID:	23821
Molecular Weight:	60-76 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.	<1 EU/μg
Biological Activity	Measured by its ability to cleave a fluorogenic peptide substrate, Mca-SEVNLDAEFRK(Dpn)RR-NH ₂ . Read at excitation and emission wavelengths of 320 nm and 405 nm. The specific activity is 1035.061 pmol/min/μg, as measured under the described conditions.	1035.061 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. 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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