



Certificate of Analysis

Acetylcholinesterase/ACHE Protein, Mouse (HEK293, His)

Cat. No.: HY-P72811
Batch No.: 248793
Species: Mouse
Source: HEK293
Tag: C-10*His
Accession: NP_033729.1 (E32-L614)
Gene ID: 11423
Molecular Weight: Approximately 80 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 Acetylthiocholine. The specific activity is > 250 nmol/min/μg, as measured under the described conditions.	853 nmols/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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