



Certificate of Analysis

CaMKII alpha/CAMK2A Protein, Human (sf9, GST)

Cat. No.:	HY-P76761
Batch No.:	159316
Species:	Human
Source:	<i>Sf9 insect cells</i>
Tag:	N-GST
Accession:	Q9UQM7 (M1-H478)
Gene ID:	815
Molecular Weight:	Approximately 80 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 85% as determined by reducing SDS-PAGE	88.10%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	The specific activity was determined to be 160 nmol/min/mg using Autocamtide-2 synthetic peptide (KKALRRQETVDAL-amide) as substrate.	PASS
Appearance	Solution.	
Concentration	1.59 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice.	

Caution: Product has not been fully validated for medical applications. For research use only.

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