



Certificate of Analysis

GSK-3 beta Protein, Human (sf9, His)

Cat. No.:	HY-P74114
Batch No.:	287091
Species:	Human
Source:	<i>Sf9 insect cells</i>
Tag:	N-His
Accession:	NP_002084.2 (M1-T433)
Gene ID:	2932
Molecular Weight:	44-48 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	97.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	The specific activity was determined to be > 45 nmol/min/mg using synthetic Phospho-Glycogen Synthase Peptide-2 (YRRAAVPPSPSLSRHSSPHQpSEDEEE) as substrate.	93 nmol/min/mg
Appearance	Solution	
Concentration	0.59 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. 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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