



# Certificate of Analysis

## GSK3α Protein, Human (Sf9, GST)

Cat. No.:	HY-P701690
Batch No.:	318168
Species:	Human
Source:	<i>Sf9 insect cells</i>
Tag:	N-GST
Accession:	P49840 (S2-S483)
Gene ID:	2931
Molecular Weight:	Approximately 77.5 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 80% as determined by reducing SDS-PAGE.	80%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	The activity of GSK3α protein is determined using the MSA method, which assesses its ability to phosphorylate fluorescent peptides within 30 minutes.	Pass
Appearance	Solution.	
Concentration	1.52 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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