



Certificate of Analysis

AMPK gamma 1/beta 1/alpha 1 Heterotrimer Protein, Human (sf9, His-GST)

Cat. No.:	HY-P76141
Batch No.:	271299
Species:	Human
Source:	Sf9 insect cells
Tag:	N-His;N-GST
Accession:	P54619 (M1-P331)&Q9Y478 (M1-I270)&Q13131 (M1-Q559)
Gene ID:	5571&5564&5562
Molecular Weight:	Approximately 38&40&95 kDa.

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	97.10%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	The specific activity was determined to be 6 nmol/min/mg using synthetic SAMS peptide (HMRSAMSGHLVKRR) as substrate. The specific activity is >6 pmol/min/μg.	53 pmol/min/μg
Concentration		0.52 mg/mL
Appearance	Solution	
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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