



Certificate of Analysis

CDK6-CCND2 Heterodimer Protein, Human (Sf9, GST, FLAG, His)

Cat. No.:	HY-P701368
Batch No.:	417445
Species:	Human
Source:	<i>Sf9 insect cells</i>
Tag:	N-Flag;N-GST;N-His
Accession:	Q00534 (M1-A326)&P30279 (E2-L289)
Gene ID:	1021&894
Molecular Weight:	63.5 kDa&36 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	The activity was measured by off-chip mobility shift assay(MSA). The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device. The Km of CDK6/Cyclin D2 for its substrate CDK7tide is 214 μM.	PASS
Appearance	Solution	
Concentration	1.64 mg/mL	
Reconstitution	Please use rapid thawing with running water to thaw the protein.	
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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