

## CDK2-CCNA2 Protein, Human (sf9, GST, His)

Cat. No.:	HY-P702675
Synonyms:	CDK2; cyclin-dependent kinase 2; p33 protein kinase; cell division kinase 2; cdc2-related protein kinase; cell division protein kinase 2; p33(CDK2)
Species:	Human
Source:	Sf9 insect cells
Accession:	P24941-1 (M1-L298)&P20248 (E174-L432)
Gene ID:	1017&890
Molecular Weight:	60.4 kDa&32.8 kDa

### PROPERTIES

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 CDK2-CCNA2 for its substrate is 65 $\mu$ M.
Appearance	Solution.
Formulation	Supplied as a 0.2 $\mu$ m filtered solution of 20 mM HEPES (pH 7.5), 200 mM NaCl, 5% glycerol, 1 mM DTT.
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
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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