

CDK16-CCNY Protein, Human (sf9, GST, Flag)

Cat. No.:	HY-P702696
Synonyms:	CDK16; cyclin-dependent kinase 16; PCTAIRE protein kinase 1 , PCTK1; FLJ16665; PCTAIRE; PCTAIRE1; PCTGAIRE; serine/threonine protein kinase; PCTAIRE-motif protein kinase 1; cell division protein kinase 16; serine/threonine-protein kinase PCTAIRE-1; PCTK1;
Species:	Human
Source:	Sf9 insect cells
Accession:	Q00536-1 (M1-F496)&Q8ND76-1 (M1-S341)
Gene ID:	5127&219771
Molecular Weight:	82.3 kDa & 41.3 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 CDK16-CCNY for its substrate is 20 μ M.
Appearance	Solution.
Formulation	Supplied as a 0.2 μ m filtered solution of 50 mM HEPES (pH 7.5), 200 mM NaCl, 5% glycerol.
Endotoxin Level	<1 EU/ μ 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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