

CDK13-CCNT1 Protein, Human (sf9, GST, Flag, His)

Cat. No.:	HY-P702694
Synonyms:	CDK13; cyclin-dependent kinase 13; CDC2L5, cell division cycle 2 like 5 (cholinesterase related cell division controller); CDC2L; CHED; cholinesterase related cell division controller; KIAA1791; CDC2-related protein kinase 5; cell division protein kinase 13; cell division cycle 2-like protein kinase 5; cholinesterase-related cell division controller; CDC2L5; hCDK13; FLJ35215;
Species:	Human
Source:	Sf9 insect cells
Accession:	Q14004-1 (Q673-S1054)&O60563-1 (M1-R259)
Gene ID:	8621&904
Molecular Weight:	70.9 kDa& 32.9 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 CDK13-CCNT1 for its substrate is 25.5 μ M.
Appearance	Solution.
Formulation	Supplied as a 0.2 μ m filtered solution of 50 mM Tris-HCl(pH 7.5), 200 mM NaCl, 5% glycerol, 1 mM DTT.
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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