

CDK9-CCNT1 Protein, Human (sf9, GST, His)

Cat. No.:	HY-P702689
Synonyms:	CDK9; CCNK; Cyclin-dependent kinase 9; C-2K; Cell division cycle 2-like protein kinase 4; Cell division protein kinase 9; Serine/threonine-protein kinase PITALRE; Tat-associated kinase complex catalytic subunit; Cyclin-K
Species:	Human
Source:	Sf9 insect cells
Accession:	P50750-1 (M1-F372)&O60563-1 (M1-R259)
Gene ID:	1025&904
Molecular Weight:	69.3 kDa&33.1 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 CDK9-CCNT1 for its substrate is 46 μ M.
Appearance	Solution.
Formulation	Supplied as a 0.2 μ m filtered solution of 50 mM HEPES (pH 7.5), 300 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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