CDK7-CCNH-MNAT1 Protein, Human (sf9, GST, His, Flag)

Cat. No.:	HY-P702688
Synonyms:	CDK7; cyclin-dependent kinase 7; cyclin dependent kinase 7 (homolog of Xenopus MO15 cdk activating kinase) , cyclin dependent kinase 7 (MO15 homolog, Xenopus laevis, cdk activating kinase); CAK; CAK1; CDKN7; MO15; STK1; p39 Mo15; protein kinase; 39 KDa protein kinase; kinase subunit of CAK; CDK-activating kinase 1; serine/threonine kinase stk1; cell division protein kinase 7; serine/threonine protein kinase 1; serine/threonine-protein kinase 1; serine/threonine protein kinase MO15
Species:	Human
Source:	Sf9 insect cells
Accession:	P50613 (M1-F346)&P51946 (M1-L323)&P51948-1 (M1-S309)
Gene ID:	1022&902&4331
Molecular Weight:	65.6 kDa&41.7 kDa&39.8 kDa

PROPERTIES

Biological Activity	The activity was measured by off-chip mobility shift assay(MSA). The enzyme was incubated with fluorecence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device. The Km of CDK7-CCNH-MNAT1 for its substrate is 50 μM.
Appearance	Solution.
Formulation	Supplied as a 0.2 μm filtered solution of 20 mM HEPES (pH 7.5), 200 mM NaCl, 5% glycerol, 1 mM DTT.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	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.

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