

## Recombinant Human CDK7 protein(1-346aa), His-tagged

Cat. No. CDK7-8372H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CDK7 protein(P50613)(1-346aa), fused with N-terminal His tag, was expressed in Insect Cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-346aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	41.5 kDa
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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**AA Sequence**

MALDVKSRARYEKLDLFLGEGQFATVYKARDKNTNQIVAIAKKIKLGHSEAKDGINRT  
 ALREIKLLQELSHPNIIIGLLDAFGHKSNI SLVDFMETDLEVIKDNSLVLT PSHIKAYML  
 MTLQGLEYLHQHWILHRDLKPNLLLLDENGVLKLADFG LAKSFGSPN RAYTHQVVT  
 RWYRAPELLFGARMYGVGVDMWAVGCILAE LLRVPFLPGDSDLQLTRIFETLGTP  
 TEEQWPDMCSLPDYVTFKSFPGIPLHHIFSAAGD DLDLIQGLFLFNPCARITATQAL  
 KMKYFSNRPGPTPGCQLPRPNCPVETLKEQSNPALAIKRKRTEALEQGGLPKKLIF

**GENE INFORMATION**

**Gene Name** [CDK7 cyclin-dependent kinase 7 \[ Homo sapiens \]](#)

**Official Symbol** [CDK7](#)

**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; homolog of Xenopus MO15 Cdk-activating kinase; TFIIH basal transcription factor complex kinase subunit; cyclin-dependent kinase 7 (MO15 homolog, Xenopus laevis, cdk-activating kinase); HCAK; p39MO15;

**Gene ID** [1022](#)

**mRNA Refseq** [NM\\_001799](#)

**Protein Refseq** [NP\\_001790](#)

**MIM** [601955](#)

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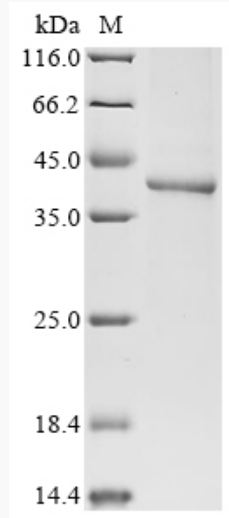
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UniProt ID

P50613

SDS-PAGE



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