

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

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

SPECIFICATION

Product Overview	Recombinant Human CDK7 protein(P50613)(1-346aa), fused with N-terminal His tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	1-346aa
Form	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.
Molecular Mass	41.5 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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

MALDVKSRAKRYEKLDLFLGEGQFATVYKARDKNTNQIVAIKKIKLGHRSEAKDGINRT
 ALREIKLLQELSHPNIIIGLLDAFGHKSNSISLVFDFMETDLEVIKDNSLVLTSPSHIKAYML
 MTLQGLEYLHQHWILHRDLKPNNLLLDENGVLKLADFGGLAKSFGSPNRAYTHQVVT
 RWYRAPELLFGARMYGVGVDMWAVGCILAEALLRVPFLPGDSDLDQLTRIFETLGTP
 TEEQWPDMCSLPDYVTFKSFPGLHHIFSAAGDDLLDLIQGLFLFNPCARITATQAL
 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](#)

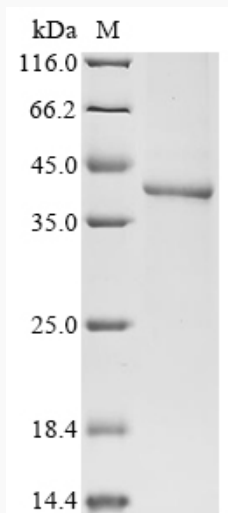
Protein Refseq [NP_001790](#)

MIM [601955](#)

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