

Recombinant Human CDK5 protein, His-SUMO-tagged

Cat. No. CDK5-2679H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDK5 protein(Q00535)(1-292aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-292aa
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	49.3 kDa
AA Sequence	<p>MQKYEKLEKIGEGTYGTVFKAKNRETHEIVALKRVRLDDDDDEGVPSSALREICLLKEL KHKNIVRLHDVHLHSDKKLTLVFEFCDQDLKKYFDSCNGDLDP EIVKSFLFQLLKGLGF CHSRNVLHRDLKPQNLLINRNGELKLADFG LARAFGIPVRCYSAE VVTLWYRPPDVL FGAKLYSTSIDMWSAGCIFAELANAGRPLFPGNDVDDQLKRIFRLLGTPTEE QWPSM TKLPDYKPYMPYPATTSLVNVV P KLNATGRDLLQNLLKCNPVQRISAEEALQHPYFS DFCPP</p>
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name CDK5 cyclin-dependent kinase 5 [Homo sapiens]

Official Symbol CDK5

Synonyms CDK5; cyclin-dependent kinase 5; PSSALRE; TPKII catalytic subunit; protein kinase CDK5 splicing; cell division protein kinase 5; serine/threonine-protein kinase PSSALRE; tau protein kinase II catalytic subunit;

Gene ID 1020

mRNA Refseq NM_001164410

Protein Refseq NP_001157882

MIM 123831

UniProt ID Q00535

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