

Recombinant Human CDK17 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CDK17-4059H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CDK17 MS Standard C13 and N15-labeled recombinant protein (NP_002586) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene belongs to the cdc2/cdkx subfamily of the ser/thr family of protein kinases. It has similarity to a rat protein that is thought to play a role in terminally differentiated neurons. Alternatively spliced transcript variants encoding different isoforms have been found.
Molecular Mass	59.6 kDa
AA Sequence	MKKFKRRLSLTLRGSQTIDESLSELAEQMTIEENSSKDNEPIVKNGRPPTSHSMHSF LHQYTGSFKKPLRRPHSVIGGSLGSFMAMPRNGSRLDIVHENLKMGS DGESDQAS GTSSDEVQSPTGVCLRNRIHRRISMEDLNKRLSLPADIRIPDGYLEKLQINSPPFDQP MSRRSRASLSEIGFGKMETYIKLEKLGEPTYATVYKGRSKLTENLVALKEIRLEHEE GAPCTAIREVSLLKDLKHANIVTLHDIVHTDKSLTLVFEYLDKDLKQYMDDCGNIMSM HNVKLFLYQILRGLAYCHRRKVLHRDLKPQNLLINEKGELKLADFGGLARAKSVPTKTY SNEVVTWYRPPDVLLGSSEYSTQIDMWGVGCIFFEMASGRPLFPGSTVEDELHLIF RLLGTPSQETWPGISSNEEFKNYNFPKYKPQPLINHAPRLDSEGIELITKFLQYESKK RVSAEEAMKHVYFRSLGPRIHALPESVSIFSLKEIQLQKDPGFRNSSYPETGHGKNR

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RQSMLFTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CDK17 cyclin-dependent kinase 17 [Homo sapiens (human)]
Official Symbol	CDK17
Synonyms	CDK17; cyclin-dependent kinase 17; PCTAIRE protein kinase 2, PCTK2; PCTAIRE2; PCTAIRE-motif protein kinase 2; cell division protein kinase 17; protein kinase cdc2-related PCTAIRE-2; serine/threonine-protein kinase PCTAIRE-2; PCTK2;
Gene ID	5128
mRNA Refseq	NM_002595
Protein Refseq	NP_002586
MIM	603440

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UniProt ID

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SDS-PAGE

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