

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
LHQYTGSEFKKPLRRPHSVIGGSLGFSMAMPRNGSRLDIVHENLKMGS DGEDQAS
GTSSDEVQSPTGVCLRNRIHRRISMEDLNKRLSLPADIRIPDGYLEKLQINSPFDQP
MSRRSRASLSEIGFGKMETYIKLEKLGEGTYATVYKGRSKLTENLVALKEIRLEHEE
GAPCTAIREVSLKDLKHANIVTLHDIVHTDKSLTLVFEYLDKDLKQYMDDCGNIMSM
HNVKLFLYQILRGLAYCHRRKVLHRDLKPQNLLINEKGELKLADFLARAKSVPTKY
SNEVTLWYRPPDVLLGSSEYSTQIDMWGVGCIFFEMASGRPLFPGSTVEDELHLIF
RLLGTPSQETWPGISSNEEFKNYNFPKYKQPLINHAPRLDSEGIELITKFLQYESKK
RVSAEEAMKHVYFRSLGPRIHALPESVSIFSLKEIQLQKDPGFRNSSYPETGHGKNR

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

RQSMFLFTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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, PCK2; PCTAIRE2; PCTAIRE-motif protein kinase 2; cell division protein kinase 17; protein kinase cdc2-related PCTAIRE-2; serine/threonine-protein kinase PCTAIRE-2; PCK2;

Gene ID 5128

mRNA Refseq NM_002595

Protein Refseq NP_002586

MIM 603440

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q00537

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA