

Product datasheet for PH305318

PCTAIRE2 (CDK17) (NM_002595) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CDK17 MS Standard C13 and N15-labeled recombinant protein (NP_002586)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205318
Predicted MW:	59.6 kDa
Protein Sequence:	>RC205318 protein sequence Red=Cloning site Green=Tags(s)

MKKFKRRLSLTLRGSQTIDESLSELAEQMTIEENS SKDNEPIVKNGRPPTSHSMHSFLHQYTG SFKKPPL
RRPHSVIGGSLGSFMAMPRNGSRLDIVHENLKMGS DGE SDQASGTSSDEVQSPTGVCLRNRIHRRISMED
LNKRLSLPADIRIPDGYLEKLQINSPFDQPM SRRSRRASLSEIGFGKMETYIKLEKLGEGTYATVYKGR
SKLTENLVALKEIRLEHEEGAPCTAIREVSL LKDLKHANIVTLHDIVHTDKSLTLVFEYLDKDLKQYMD
CGNIMSMHNVKLFYQILRGLAYCHRRKVLHRDLKPNLLINEK GELKLADFG LARAKSVPTKTY SNEV
TLWYRPPDVLLGSSEYSTQIDMWGVGCIFFEMASGRPLFPGSTVEDELHLIFRLLGTPSQETWPGISSNE
EFKNYNFPKYKQPLINHAPRLDSEGIELITKFLQYESK KRVSAAEAMKHVYFRSLGPRIHALPESVSIF
SLKEIQLQKDPGFRNSSYPETGHGKNRRQSMLF

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_002586</u>
RefSeq Size:	4194
RefSeq ORF:	1569



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Synonyms: PCTAIRE2; PCTK2
Locus ID: 5128
UniProt ID: [Q00537](#), [A0A024RBH0](#)
Cytogenetics: 12q23.1

Summary: 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. [provided by RefSeq, Jul 2010]

Protein Families: Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified CDK17 protein (Cat# [TP305318]). The protein was produced from HEK293T cells transfected with CDK17 cDNA clone (Cat# [RC205318]) using MegaTran 2.0 (Cat# [TT210002]).