

Product datasheet for TP305318

PCTAIRE2 (CDK17) (NM_002595) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human PCTAIRE protein kinase 2 (PCTK2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205318 protein sequence Red=Cloning site Green=Tags(s)

MKKFKRRLSLTLRGSQTIDESLSELAEQMTIEENSSKDNEPIVKNGRPPTSHSMHSFLHQYTGSKKPPPL
RRPHSVIGGSLGSFMAMPRNGSRLDIVHENLKMGS DGEDQASGTSSDEVQSPTGVCLRNRIHRRISMED
LNKRLSLPADIRIPDGYLEKLQINSPPFDQPMSRRSRRASLSEIGFGKMETYIKLEKLGEGTYATVYKGR
SKLTENLVALKEIRLEHEEGAPCTAIREVSLLKDLKHANIVTLHDIVHTDKSLTLVFEYLDKDLKQYMDD
CGNIMSMHNVKLFYQILRGLAYCHRRKVLHRDLKPQNLLINEKGELKLADFGGLARAKSVPTKTYSNEV
TLWYRPPDVLLGSSEYSTQIDMWGVGCIFFEMASGRPLFPGSTVEDELHLIFRLLGTPSQETWPGISSNE
EFKNYNFPKYKQPLINHAPRLDSEGIELITKFLQYESKKRVSAAEAMKHVYFRSLGPRIHALPESVSIF
SLKEIQLKQDPGFRNSSYPETGHGKNRRQSMFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	59.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_002586](#)

Locus ID: 5128

UniProt ID: [Q00537](#), [A0A024RBH0](#)

RefSeq Size: 4194

Cytogenetics: 12q23.1

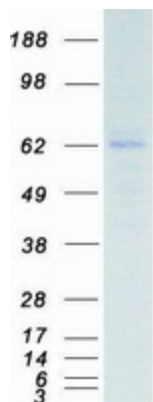
RefSeq ORF: 1569

Synonyms: PCTAIRE2; PCK2

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]).