

## Product datasheet for TP305318M

### PCTAIRE2 (CDK17) (NM\_002595) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human PCTAIRE protein kinase 2 (PCTK2), 100 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  
CGNIMSMHNVKLFYQILRGLAYCHRRKVLHRDLKPQNLLINEKGELKLADFLARAKSVPTKTYSNEV  
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

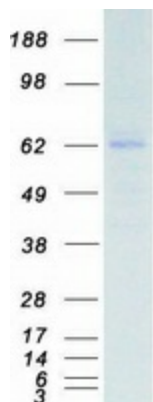
RefSeq ORF: 1569

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]).