

PCTK2 recombinant protein

PCTK2 (CDK17)/CyclinY, Active

CATALOG # AAA73040	HOST Sf9 insect cells using baculovirus	APPLICATIONS Western Blot
------------------------------	---	-------------------------------------

PRODUCT SYNONYMS

PCTK2; PCTK2 (CDK17)/CyclinY, Active; PCTK2 recombinant protein

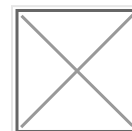
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells using baculovirus
Form/Format	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Sequence Positions	PCTK2 (CDK17) (Full length) and Cyclin Y (2-end)
Sequence Length	4194
Applicable Applications for PCTK2 recombinant protein	WB (Western Blot), Kinase Assay
Species	Human
Tag	GST tag
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for PCTK2 recombinant protein	Description: Recombinant full-length human PCTK2 (CDK17) and Cyclin Y (2-end) were co-expressed by baculovirus in Sf9 insect cells using N-terminal GST tags. Scientific Background: PCTK2 (CDK17) or cyclin-dependent kinase 17 belongs to the cdc2/cdkx subfamily of the ser/thr family of protein kinases. PCTK2 has similarity to a rat protein that is thought to play a role in terminally differentiated neurons (1). The identification of a large family of cdc2-related kinases opens the possibility of combinatorial regulation of the cell cycle together with the emerging large family of cyclins (2).
Product Categories/Family for PCTK2 recombinant protein	Enzymes ; Active Kinases
References	1. Hirose T. et.al: PCTAIRE 2, a Cdc2-related serine/threonine kinase, is predominantly expressed in terminally differentiated neurons. Eur J Biochem. 1997 Oct 15;249 (2):481-8. 2. Meyerson, M.et.al: A family of human cdc2-related protein kinases. EMBO J. 11: 2909-2917, 1992.

NCBI AND UNIPROT INFORMATION

NCBI GI #	300116185
NCBI GeneID	5128
NCBI Accession #	NM_002595.4
NCBI GenBank Nucleotide #	NM_002595
UniProt Accession #	Q00537; Q8NEB8; A8K1U6; B2RCQ2
Molecular Weight	~ 88 kDa; ~ 64 kDa
NCBI Official Full Name	Homo sapiens cyclin dependent kinase 17 (CDK17), transcript variant 1, mRNA
NCBI Official Synonym Full Names	cyclin dependent kinase 17
NCBI Official Symbol	CDK17
NCBI Official Synonym Symbols	PCTK2; PCTAIRE2
NCBI Protein Information	cyclin-dependent kinase 17
UniProt Protein Name	Cyclin-dependent kinase 17
UniProt Gene Name	CDK17
UniProt Synonym Gene Names	PCTAIRE2; PCTK2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cdk17-recombinant-protein-sf9-insect-cells-using-baculovirus-wb-western-blot-kinase-assay/73040>