

Recombinant Human PCTK3 (CDK18)/CyclinY (N-GST tag)

Cat No:HR2R1829

For research use only

Overview

Quantity	10 ?g
Gene Symbol	PCTK3/Cyclin Y
Gene ID	N/A
Accession	BC011526, NM_145012
Alternative Name	PCTK3: PCTAIRE, PCTAIRE3 CyclinY: CCNY; C10orf9; CBCP1; CCNX; CFP1
Species	Human
Source	Insect cells
Description	PCTK3 or PCTAIRE protein kinase 3 is a member of the cdc2/cdkx subfamily of the ser/thr family of protein kinases. PCTK3 is thought to play a role in terminally differentiated neurons and it contains an N-terminal extension relative to CDC2 . PCTK3 is expressed in a variety of human cell lines and tissues . Elevation in the protein levels of PCTAIRE 3 in the temporal cortex of Alzheimer's disease relative to control brains, have been observed. It is proposed that PCTAIRE 3 is a paired helical filaments-associated kinase that modulates tau phosphorylation.
Functions	The specific activity of PCTK3 (CDK18)/CyclinY was determined to be 46 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, , pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	76
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70°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.