

Recombinant Human PCTK1 (CDK16)/CyclinY (N-GST tag)

Cat No:HR2R1827

For research use only

Overview

Quantity	10 ?g
Gene Symbol	PCTK1 (CDK16)/Cyclin
Gene ID	N/A
Accession	NM_006201 , NM_145012
Alternative Name	PCTK1 (CDK16): FLJ16665; PCTAIRE; PCTAIRE1; PCTGAIRE CyclinY: CCNY; C10orf9; CBCP1; CCNX; CFP1
Species	Human
Source	Insect cells
Description	PCTK1 or PCTAIRE PROTEIN KINASE 1 belongs to the cdc2/cdkx subfamily of the ser/thr family of protein kinases. PCTK1 plays a role in signal transduction cascades in terminally differentiated cells, in exocytosis, and in transport of secretory cargo from the endoplasmic reticulum . PCTK1 is ubiquitously expressed with the highest levels detected in the brain and testis. PCTK1 also contained the gene coding for ubiquitin-activating enzyme UBE1 that previously shown to mapped to Xp11.3 .
Functions	The specific activity of PCTK1 (CDK16)/Cyclin Y was determined to be 40 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	66
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.