

Recombinant Human CDK16/PCTAIRE1/PCTK1 Protein (GST Tag)

Catalog No. PKSH030404

Note: Centrifuge before opening to ensure complete recovery of vial contents.

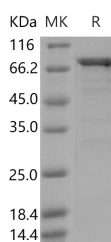
Description

Synonyms	PCTAIRE;PCTAIRE1;PCTGAIRE;PCTK1
Species	Human
Expression Host	Baculovirus-Insect Cells
Sequence	Met 1-Phe 496
Accession	Q00536-1
Calculated Molecular Weight	82.0 kDa
Observed molecular weight	73 kDa
Tag	N-GST
Bioactivity	Measured by its ability to bind biotinylated human GST-EK-YWHAH in a functional ELISA.

Properties

Purity	> 82 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.
Formulation	Supplied as sterile solution of 20mM Tris, 500mM NaCl, pH 7.4, 2mM GSH, 0.5mM PMSF
Reconstitution	Not Applicable

Data



> 82 % as determined by reducing SDS-PAGE.

Background

The protein encoded by this gene belongs to the cdc2/cdkx subfamily of the ser/thr family of protein kinases. It may play a role in signal transduction cascades in terminally differentiated cells; in exocytosis; and in transport of secretory cargo from the endoplasmic reticulum. This gene is thought to escape X inactivation. Alternative splicing results in multiple transcript variants encoding different isoforms.

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