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



Catalog Number: 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

SequenceMet 1-Phe 496AccessionQ00536-1Calculated Molecular Weight82.0 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 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

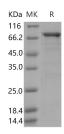
ice/gel packs. Upon receipt, store it immediately at < - 20°C.

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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