

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

Catalog Number: 10631-H09B



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## General Information

### Gene Name Synonym:

PCTAIRE; PCTAIRE1; PCTGAIRE; PCTK1

### Protein Construction:

A DNA sequence encoding the human PCTK1 (Q00536-1) (Met 1-Phe 496) was fused with the GST tag at the N-terminus.

**Source:** Human

**Expression Host:** Baculovirus-Insect Cells

## QC Testing

**Purity:** > 82 % as determined by SDS-PAGE

### Bio Activity:

1. Measured by its ability to bind biotinylated human GST-EK-YWHAH (Cat:10845-H09E) in a functional ELISA.

### Endotoxin:

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

**Predicted N terminal:** Met

### Molecular Mass:

The recombinant human PCTK1/GST chimera consists of 720 amino acids and has a predicted molecular mass of 82 kDa. It migrates as an approximately 73 kDa band in SDS-PAGE under reducing conditions.

### Formulation:

Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 2mM GSH, 0.5mM PMSF

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage:

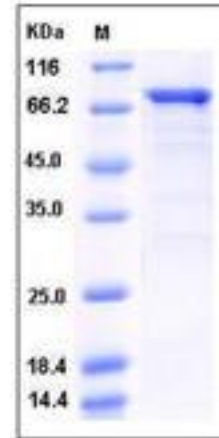
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



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