

Datasheet for ABIN7195308
CDK16 Protein (GST tag)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	CDK16
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CDK16 protein is labelled with GST tag.

Product Details

Purpose:	Recombinant Human CDK16/PCTAIRE1/PCTK1 Protein (GST Tag)(Active)
Sequence:	Met 1-Phe 496
Characteristics:	A DNA sequence encoding the human PCTK1 (Q00536-1) (Met 1-Phe 496) was fused with the GST tag at the N-terminus.
Purity:	> 82 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Measured by its ability to bind biotinylated human GST-EK-YWHAH in a functional ELISA.

Target Details

Target:	CDK16
Alternative Name:	CDK16/PCTAIRE1/PCTK1 (CDK16 Products)

Target Details

Background:	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. Synonym: PCTAIRE,PCTAIRE1,PCTGAIRE,PCTK1
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Molecular Weight:	82 kDa
Pathways:	Hormone Transport

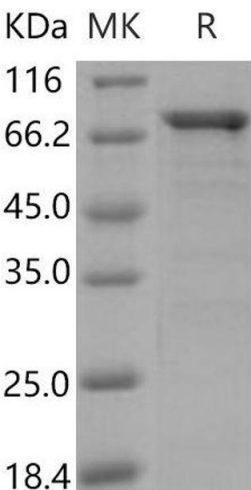
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Frozen, Liquid
Buffer:	Supplied as sterile 20 mM Tris, 500 mM NaCl, pH 7.4, 2 mM GSH, 0.5 mM PMSF
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Images



Western Blotting

Image 1.