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Datasheet for ABIN5569715

## PKC alpha Protein (AA 1-672) (His-GST)

### 2 Images

#### Overview

Quantity:	100 µg
Target:	PKC alpha (PKCa)
Protein Characteristics:	AA 1-672
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This PKC alpha protein is labelled with His-GST.
Application:	SDS-PAGE (SDS), Functional Studies (Func)

#### Product Details

Purpose:	PRKCA (Human) Recombinant Protein
Characteristics:	Human PRKCA (NM_002737, 1 a.a. - 672 a.a.) full-length recombinant protein with GST-His tag expressed in Sf9 cells. This product with activity data is belong to bioactive protein.
Purification:	Insect cell (Sf9) expression system

#### Target Details

Target:	PKC alpha (PKCa)
Alternative Name:	PRKCA ( <a href="#">PKCa Products</a> )

## Target Details

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Background: Full Gene Name: protein kinase C, alpha  
Synonyms: AAG6,MGC129900,MGC129901,PKC-alpha,PKCA,PRKACA

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Gene ID: 5578

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Pathways: [WNT Signaling](#), [TCR Signaling](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Thyroid Hormone Synthesis](#), [cAMP Metabolic Process](#), [Myometrial Relaxation and Contraction](#), [Cell-Cell Junction Organization](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [G-protein mediated Events](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [Interaction of EGFR with phospholipase C-gamma](#), [Thromboxane A2 Receptor Signaling](#), [VEGFR1 Specific Signals](#), [VEGF Signaling](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Comment: Insect cell (Sf9) expression system  
Product Quality tested by: 2 ug/lane SDS-PAGE Stained with Coomassie Blue

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 0.17 µg/µL

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Buffer: In 50 mM Tris-HCl, 100 mM NaCl, pH 8.0. (5 mM DTT, 15 mM reduced glutathione, 20 % glycerol)

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Preservative: Dithiothreitol (DTT)

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Precaution of Use: This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Handling Advice: Aliquot to avoid repeated freezing and thawing.

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Storage: -80 °C

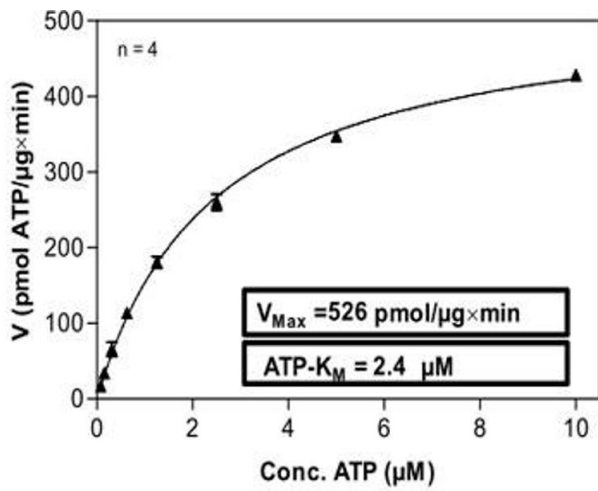


Image 1.

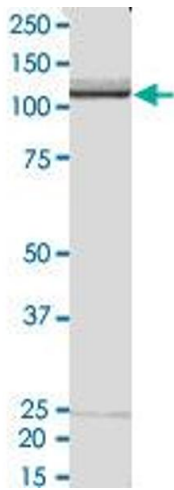


Image 2.