

# Mouse PRKCD (His & GST Tag) recombinant protein



Catalog Number: 503053

## General Information

### Gene Name Synonym

Tyrosine-protein kinase PRKCD; nPKC-delta; Protein kinase C delta type regulatory subunit; Protein kinase C delta type catalytic subunit; Sphingosine-dependent protein kinase-1

### Protein Construction

A DNA sequence encoding the mouse PRKCD isoform 1 (P28867-1) (Met 1-Ile 674) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

### Organism

Mouse

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Activity

Kinase activity untested

### Purity

> 93 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Met

## Molecular Mass

The recombinant mouse PRKCD/GST chimera consists of 912 amino acids and has a calculated molecular mass of 106 kDa as estimated in SDS-PAGE under reducing conditions.

## Formulation

Supplied as sterile 20mM Tris, 500mM NaCl, pH 8.0

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

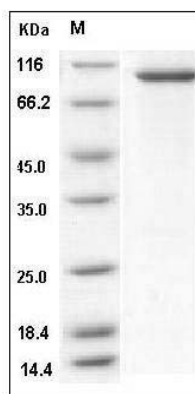
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Mouse PKC delta / PRKCD Protein (His & GST Tag) SDS-PAGE