

# Human PKC-nu/PRKD3 (GST Tag) recombinant protein



Catalog Number: 501658

## General Information

### Gene Name Synonym

Protein kinase C nu type; Protein kinase EPK2; nPKC-nu

### Protein Construction

A DNA sequence encoding the full length of human PRKD3 (NP\_005804.1) (Met 1-Pro 890) was expressed with the GST tag at the N-terminus.

### Organism

Human

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Activity

Kinase activity untested

### Purity

> 85 % 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 human PRKD3/GST chimera consists of 1114 amino acids and predicts a molecular mass of 126.7 kDa as estimated in SDS-PAGE under reducing conditions.

## Formulation

Supplied as sterile 20mM Tris, 500mM NaCl, 10mM Reduced Glutathione, pH 7.4  
1. 5 % trehalose and mannitol are added as protectants before lyophilization.  
2. Please contact us for any concerns or special requirements.

## Usage Guide

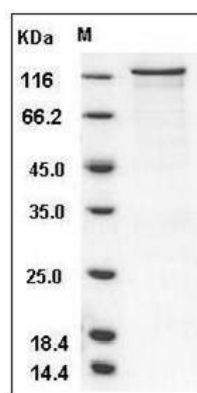
### Storage

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



Human PKC nu / PRKD3 Protein (GST Tag) SDS-PAGE