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 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℃

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

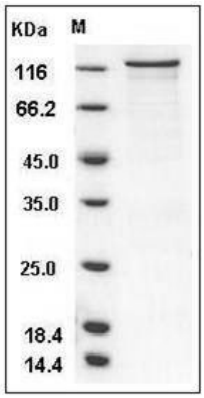
Storage

Store it under sterile conditions at -20℃ to -80℃. 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