

General Information

Protein Construction

A DNA sequence encoding the human PKC ζ (NP_002731.4) (Met 10-Val 596) was fused with the GST tag at the C-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

Kinase activity untested

Purity

> 88 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ 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°C

Predicted N terminal

Met

Molecular Mass

The recombinant human PKC ζ /GST chimera

consists of 812 amino acids and has a predicted a molecular mass of 93.5 kDa. It migrates as an approximately 100 kDa band in SDS-PAGE under reducing conditions.

Formulation

Supplied as sterile 50mM Tris, 100mM NaCl, 0.5mM GSH, 0.5mM PMSF, 10% glycerol, 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

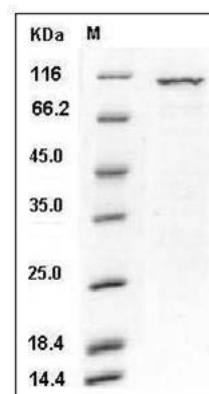
Storage

Store it under sterile conditions at -20°C to -80°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 iota / PRKCI Protein (GST Tag) SDS-PAGE