

Human AKT3 (GST Tag) recombinant protein



Catalog Number: 502353

General Information

Gene Name Synonym

Protein kinase Akt-3; Protein kinase B gamma;
RAC-PK-gamma; STK-2

Protein Construction

A DNA sequence encoding the full length of human PKBG (NP_005456.1) (Met 1-Glu 479) was expressed with the GST tag at the N-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

No Kinase Activity

Purity

> 95 % 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°C

Predicted N terminal

Met

Molecular Mass

The recombinant human PKBG/GST chimera consists of 704 amino acids and predicts a molecular mass of 81 kDa which is also estimated by SDS-PAGE.

Formulation

Lyophilized from sterile PBS, 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

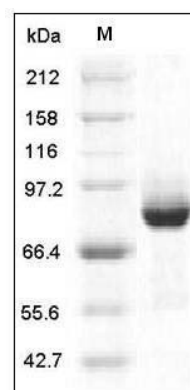
Storage

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 AKT3 Protein (GST Tag) SDS-PAGE