

Human GRK5 (His Tag) recombinant protein



Catalog Number: 502090

General Information

Gene Name Synonym

G protein-coupled receptor kinase GRK5

Protein Construction

A DNA sequence encoding the human GRK5 (NP_005299.1) (Met 1-Ser 590) was fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

No Kinase Activity

Purity

> 90 % 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 1

Molecular Mass

The recombinant human GRK5 consists of 600 amino acids and predicts a molecular mass of 69 kDa. The apparent molecular mass of rhGRK5 is approximately 58 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 50mM Tris, 100mM NaCl, 0.5mM PMSF, 1mM DTT, 0.5mM EDTA, 10% gly, 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

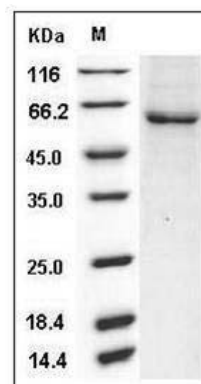
Storage

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 GRK5 / GPRK5 Protein (His Tag) SDS-PAGE