Human RIOK1 / RIO kinase 1 (His & GST Tag) recombinant protein

Catalog Number: 500807

Gene Name Synonym

RIO kinase 1

Protein Construction

A DNA sequence encoding the human RIOK1 (Q9BRS2) (Met1-Lys568) was expressed with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

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 RIOK1/GST chimera consists of 805 amino acids and has a calculated molecular mass of 93.4 kDa. The recombinant protein migrates as an approximately 94 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, 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.

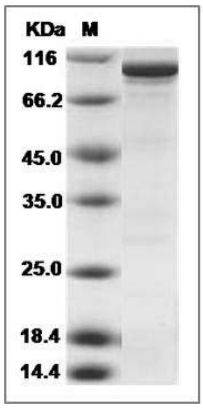
Storage

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 RIOK1 / RIO kinase 1 Protein (His & GST Tag) SDS-PAGE