Human STK23/MSSK1/SRPK3/SPRY3 (His & GST Tag) recombinant protein

Catalog Number: 501465

General Information

Gene Name Synonym

Muscle-specific serine kinase 1; Serine/arginine-rich protein-specific kinase 3; Serine/threonine-protein kinase 23

Protein Construction

A DNA sequence encoding full length of human SRPK3 isoform 2 (NP_001164231.1) (Met 1-Pro 566) was fused with the N-terminal polyhistidine-tagged GST tag at the N-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℃

Predicted N terminal

Met

Molecular Mass

The recombinant human SRPK3/GST chimera consists of 803 amino acids and has a calculated molecular mass of 89.7 kDa. It migrates as an approximately 100 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

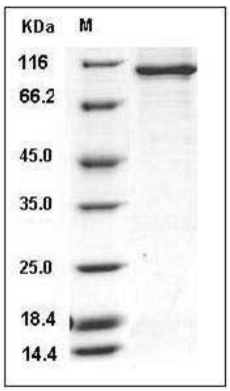
Storage

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 STK23 / MSSK1 / SRPK3 Protein (His & GST Tag) SDS-PAGE