

Human p38 delta/MAPK13 (GST Tag) recombinant protein



Catalog Number: 504101

General Information

Gene Name Synonym

Mitogen-activated protein kinase p38 delta;
Stress-activated protein kinase 4

Protein Construction

A DNA sequence encoding the full length of human MAPK13 (O15264) (Met 1-Leu 365) was fused 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 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 MAPK13/GST chimera consists of 589 amino acids and predicts a molecular mass of 68.4 kDa. It migrates as an approximately 60 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, 2mM GSH, 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

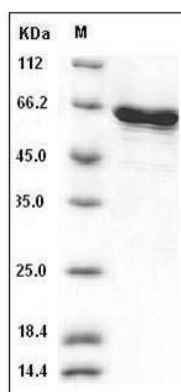
Storage

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



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SDS-PAGE