

Human p38 alpha/MAPK14 (His Tag) recombinant protein



Catalog Number: 502461

General Information

Protein Construction

A DNA sequence encoding the full length of human MAPK14 isoform 2 (NP_620581.1) (Met 1-Ser 360) was fused with a polyhistidine tag at the carboxy-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 1

Molecular Mass

The recombinant human MAPK14 consists of 370 amino acids and predicts a molecular mass of 42.8 kDa which is also estimated by SDS-PAGE.

Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerol

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

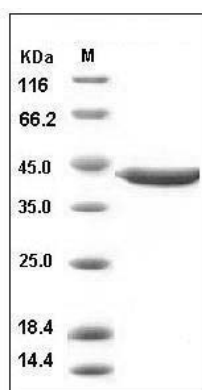
Storage

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