

Human JNK2/MAPK9 (His Tag) recombinant protein



Catalog Number: 501307

General Information

Gene Name Synonym

JNK-55; Stress-activated protein kinase 1a; Stress-activated protein kinase JNK2; c-Jun N-terminal kinase 2

Protein Construction

A DNA sequence encoding the full length of human MAPK9 (NP_002743.3) (Met 1-Arg 424) 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

Molecular Mass

The recombinant human MAPK9 consists of 435 amino acids and predicts a molecular mass of 49.5 kDa as estimated in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0, 10% glycerol, 0.5mM EDTA, 0.5mM PMSF
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

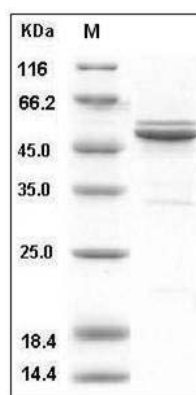
Storage

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 JNK2 / MAPK9 Protein (His Tag) SDS-PAGE