# Human JNK1 / MAPK8 (GST Tag) recombinant protein

Catalog Number: 502938



#### **General Information**

# **Protein Construction**

A DNA sequence encoding the full length of human MAPK8 isoform JNK1 alpha 2 (NP\_620637.1) (Met 1-Arg 427) was expressed with the 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  $\mu g$  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 MAPK8/GST chimera

consists of 652 amino acids and predicts a molecular mass of 75 kDa. It migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.

#### **Formulation**

Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0, 25% glycerol

- $1.\ 5$  % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

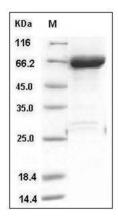
## **Storage**

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**



Human JNK1 / MAPK8 Protein (GST Tag) SDS-PAGE