

Human MEK2/MAP2K2/MKK2 (GST Tag) recombinant protein



Catalog Number: 500927

General Information

Gene Name Synonym

ERK activator kinase 2; MAPK/ERK kinase 2

Protein Construction

A DNA sequence encoding the human MAP2K2 (NP_109587.1) (Met 1-Val 400) was fused with the GST tag at the N-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

No Kinase Activity

Purity

> 92 % 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 MAP2K2/GST chimera consists of 624 amino acids and has a calculated molecular mass of 70.7 kDa. It migrates as an approximately 66 kDa band in SDS-PAGE under reducing conditions.

Formulation

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

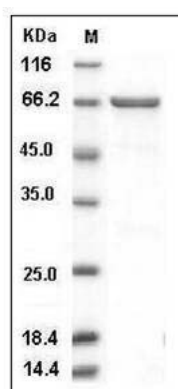
Storage

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



Human MEK2 / MAP2K2 / MKK2 Protein (GST Tag) SDS-PAGE