

Human MST4/MST-4 (GST Tag) recombinant protein



Catalog Number: 502456

General Information

Gene Name Synonym

MST3 and SOK1-related kinase; Mammalian STE20-like protein kinase 4; Serine/threonine-protein kinase MASK

Protein Construction

A DNA sequence encoding the human MST4 isoform 1 (NP_057626.2) (Met 1-Pro 416) was expressed with the fused GST tag at N-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

The specific activity was determined to be 15 nmol/min/mg using MBP as substrate.

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

Molecular Mass

The recombinant human MST41/GST chimera consists of 641 amino acids and predicts a molecular mass of 73 kDa. It migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.

Formulation

Supplied as sterile 50mM Tris, 100mM NaCl, pH 8.0, 25% glycerol, 0.6mM GSH, 0.5mM PMSF, 0.5mM EDTA, 2mM DTT

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

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

Usage Guide

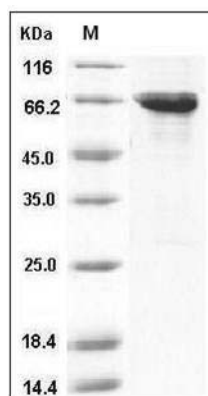
Storage

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 MST4 Protein (GST Tag) SDS-PAGE