

Active Recombinant Human MST4 protein, GST-tagged

Cat. No. MST4-778H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human MST4 protein(NP_057626.2) (Met 1-Pro 416) was expressed in Insect Cells with the fused GST tag at N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-416 aa
Form	Supplied as sterile 50mM Tris, 100mM NaCl, pH 8.0, 25% glycerol, 0.6mM GSH, 0.5mM PMSF, 0.5mM EDTA, 2mM DTT.
Bio-activity	The specific activity was determined to be 15 nmol/min/mg using MBP as substrate.
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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name MST4 serine/threonine protein kinase MST4 [Homo sapiens]

Official Symbol MST4

Synonyms MST4; serine/threonine protein kinase MST4; serine/threonine-protein kinase MST4; STE20-like kinase MST4; mammalian sterile 20-like 4; Mst3 and SOK1-related kinase; serine/threonine-protein kinase MASK; mammalian Ste20-like protein kinase 4; MASK;

Gene ID 51765

mRNA Refseq NM_001042452

Protein Refseq NP_001035917

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