

Recombinant Human Serine/Threonine Protein Kinase MST4, GST-tagged

Cat. No. MST4-375H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant humanfull length MST4, GST-tagged.
Species	Human
Source	Insect Cells
Description	MST4 is member of the Ste20-like kinasefamily of serine/threonine kinases and is overexpressed during prostatecancer development. No special measures were taken to activate this kinase.
Form	Liquid in 50 mMTris, pH 7.5 + 150 mM NaCl + 0.5 mM EDTA + 0.02% Triton X-100 + 2 mM DTT + 50%glycerol.
Molecular Weight	75.7 kDa
storage	Stablefor 6 months in working aliquots at -80°C. Avoidrepeated freeze-thaw cycles.
OfficialSymbol	MST4
Pathways	Apoptosis; Apoptotic cleavage of cellularproteins; Apoptotic execution phase; LKB1 signaling events
Full Length	Full L.

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GENE INFORMATION

Gene Name	MST4 serine/threonine proteinkinase MST4 [Homo sapiens]
Synonyms	MST4; serine/threonine protein kinase MST4; MST4; MASK; STE20-likekinase MST4; mammalian sterile 20-like 4; Mst3 and SOK1-related kinase;serine/threonine protein kinase MASK; mammalian Ste20-like protein kinase 4;EC 2.7.11.1; MST-4
Gene ID	51756
mRNA Refseq	NM_001042452
Protein Refseq	NP_001035917
MIM	300547
UniProt ID	Q9P289
Chromosome Location	Xq26.2
Function	ATP binding; identical proteinbinding; magnesium ion binding; nucleotide binding; protein serine/threoninekinase activity; transferase activity

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