

Product datasheet for **SC216496**

MST4 (STK26) (NM_001042453) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MST4 (STK26) (NM_001042453) Human 3' UTR Clone
Symbol:	MST4
Synonyms:	MASK; MST4
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001042453
Insert Size:	1814 bp



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Insert Sequence: >SC216496 3'UTR clone of NM_001042453
 The sequence shown below is from the reference sequence of NM_001042453. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAAAAGTGTTTCAGCAGACGAATCCCCCTAAGAACTTATTATTGGCTTCTGTTTCATATGGACCCAGAG
AGCCCCACCAAACCTACGTCAAGATTAACAATGCTTAACCCATGAGCTCCATGTGCCTTTTGATCTTT
GCAACACTGAAGATTTGGAAGAAGCTATTAACACTATTTTGTGATGGCGTTTATCATTATATTTTGAA
AGGATTATTTTGAAGGAATAACTTTTAACTATAAGTTTACCTGTATTCTAGTAAATGTTGAGACAC
CGTTTTGCTTTAAGTATCCCTATTTCTAAGTTACGAGGATGAATACCTTTACATTTTGATCTTTAG
TTGACTCTACAGTCATGAAACATACAGGCTTTCAAAGTCATTCTCAATATTCAGCTTTTGAAATTAT
CAAGCTTCAAAAAGCTTTTTTTTTTAAAAAAAACATGCATATTCTAAAAATGACTATTGGTGGGGAGG
TGTAATAAGTCATACCTTCTTAAAACAGAAAATTTAAGTAAAGTCTTTTAAATGAAACCTGTAAGT
ATTGACTCTTCTACCAAGTTGGTATGATATTCCAGGCAGCTCAATGATTATCACATTTGAGACCCGTG
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GATAGGTGTTGGTAATGTTGAAGGAGTTAGTCTGGCTTCATGTTTTACATCTTCAACTAAAATCCCAT
ACTATCTGCTTGGATTTGGAGAGCCAAAAATAAAGCTGATTGTCATGTGATTAATATCTGATCAACA
GGTATGAATATAACTTAAATCAGCATATTTTGGCATGGTAATAAATTGCCTATAAACTATTTATATA
TTTTTGTCTTTCATAATTATCACTAATAAGCATCAGTTTGTGTTTTTAAAAGGATTTTAAAGTGAACA
TTTTCTAGTTCATATGAAAATAACCATAGTACAGGATGATTTCTGTCCACACAAAGGTTAAATTAGAT
GCACAGTTAATTTTCACTTATATTTATGGTACTATTATGTGGGTGATGCCTTTTTCTTTTAAAGCCAGT
ACATATATTATGCCTGCCTAAGTTCTGAACTGGGGCTGTATTTTCAAGTGTGTAGAAATTATGATTTT
AGTTTTGATAGCTAATGTTAATTGTTTGGATCTGCACAGTTTGGTTTTTGCACAAAAGTCATTTAAAA
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GTGGCCATTACATCCTCTTTTTAATTTACATAATACAGATACTTGAGAAAGTTGTTGTGGTGTGTATG
CCAAGAAAATCTTTTTATTGGTGCCTATATTGTAACAATATTTTTAATGCATTGTATTTGAAGTAA
CGGTTTCAGTAAATTTTACCTGCTGTGTAACCTGAAACACAATTACAGTTTATAATCATCTGTAGAAG
TCTGGAGATAATTTGCAACTCATGTTATGGGTTAAATGAATATTTTTGTAAAAGTAAAAGCAACAAT
TTATAAATTGATTATTTGAACTTTACAACACAATTGCATCCCAAATACAATTGTATTGCTTATTCAT
TATAGCTATTCGTCCTGTAATCTGTTTCTAGGTGAAGCATACTCCAGTGTTTTAGGGTTTTGAAAAATA
AATATTTAAATTTACAGTC
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001042453.2](https://www.ncbi.nlm.nih.gov/nuccore/NM_001042453.2)

Summary:

The product of this gene is a member of the GCK group III family of kinases, which are a subset of the Ste20-like kinases. The encoded protein contains an amino-terminal kinase domain, and a carboxy-terminal regulatory domain that mediates homodimerization. The protein kinase localizes to the Golgi apparatus and is specifically activated by binding to the Golgi matrix protein GM130. It is also cleaved by caspase-3 in vitro, and may function in the apoptotic pathway. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Jul 2008]

Locus ID:

51765

MW:

71.1