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Product datasheet for SC216498

MST4 (STK26) (NM_016542) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MST4 (STK26) (NM_016542) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	STK26
Synonyms:	MASK; MST4
ACCN:	NM_016542
Insert Size:	1814 bp

View online »

Insert Sequence:

>SC216498 3'UTR clone of NM_016542
The sequence shown below is from the reference sequence of NM_016542. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAAAAGTGTTCAGCAGACGAATCCCCCTAAGAAACTTATTATTGGCTTCTGTTTCATATGGACCCAGAG
AGCCCCACCAAACCTACGTCAAGATTAACAATGCTTAACCCATGAGCTCCATGTGCCTTTTGGATCTTT
GCAACACTGAAGATTTGGAAGAAGCTATTAAACTATTTTGTGATGGCGTTTATCATTTTATATTTTGAA
AGGATTATTTTGTAAGGAATAACTTTTAATACTATAGTTTCACCTGTATTCTAGTAAATGTTGAGACAC
CGTTTTGCTTTTAAGTATCCCTATTTCTTAAGTTACGAGGATGAATACCTTTCACATTTTGATCTTTAG
TTGACTCTACAGTCATGAAACATACAGGTCTTTCAAAGTCATTCTCAATATTCAGCTTTTGTAAATTAT
CAAGCTTCAAAAAGCTTTTTTTTTTAAAAAAAAACATGCATATTCTAAAAATGACTATTGGTGGGGAGG
TGTAAATAAGTCATACCTTCTTAAAACAGAAAATTTAAGTAAAGTCTTTTAAATGAAACCTGTAAAAGT
ATTGACTCTTCTACCAAGTTGGTATGATATTCCAGGCAGCTCAATGATTATCACATTTGAGACCCTGTG
TTTGAAGCATTTACAGGCAATGTACAGCAACAGAGGTACCTCTTGGTGTATAGTATTTACATTCTCTTT
TAGGTAGAAGAGGCAATTTTACCCTTATTTCACATGGTTAGAAATTTAAAGCAAGATCATTTACCCAAG
GATAGGTGTTTGGTAATGTTGAAGGAGTTAGTCTGGCTTCATGTTTTACATCTTCAACTAAAATCCCAT
ACTATCTGCTTGGATTTGGAGAGCCAAAAAATAAAGCTGATTGTCATGTGATTAAATATCTGATCAACA
GGTATGAATATAACTTAAATCAGCATATTTTTGCCATGGTAATAAATTGTCCTATAAACTATTTATATA
TTTTTGTTCTTCATAATTATCACTAATAAGCATCAGTTTGTTGTTTTTAAAAGGATATTTAAGTGAGCA
TTTTCTAGTTCATATGAAAATAACCATAGTACAGGATGATTTCTGTCCACACAAAGGTTAAATTAGATT
GCACAGTTAATTTTCACTTATATTTATGGTACTATTATGTGGGTGATGCCTTTTTCTTTTAAGCCCAGT
ACATATATTATGCCTGCCTAAGTTCTGAACTGGGGCTGTATTTCAGTAGTTGTAGAATTATTGATATTT
AGTTTTGATAGCTAATGTTTAATTGTTTGGATCTGCACAGTTTGGTTTTTGCACAAAAGTCATTTAAAA
AAATCTGAGTAATTGTCAAATATTAAAAGAAAGATATTCTTCCTGTAAGGAATACAGTTTTTAGTCAAA
GTGGCCATTACATCCTCTTTTTAATTTACATAATACAGATACTTGAGAAAGTTGTTGTGGTGTTGTATG
CCAAGAAAATTCTTTTTATTGGTGCCTATATTGTAACAATTATTTTTAATGCATTGTATTTTGAAGTAA
CGGTTCAGTTAAATTTTTCACCTGCTGTGTAACTGAAACACAATTACAGTTTATAATCATCTGTAGAAG
TCTGGAGATAATTTTGCAACTCATGTTATGGGTTAAATGAATATTTTTGTAAAAGTAAAAGCAACAAAT
TTATAAATTGATTATTTGAAACTTTACAACACAATTGCATCCCAAATACAAATTGTATTGCTTATTCAT
TATAGCTATTCGTCCTGTAATCTGTTTCTAGGTGAAGCATACTCCAGTGTTTTAGGGGTTTTGAAAATA
AATATTTAAATTTCACAGTC
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: SgfI-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_016542.4

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