

Product datasheet for **SC216513**

MARK2 (NM_004954) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MARK2 (NM_004954) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MARK2
Synonyms:	EMK-1; EMK1; PAR-1; Par-1b; Par1b
ACCN:	NM_004954
Insert Size:	1813 bp



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Insert Sequence: >SC216513 3'UTR clone of NM_004954
 The sequence shown below is from the reference sequence of NM_004954. 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
TCCAAAATAGCCAACGAGCTGAAGCTTTAACAGGCTGCCAGGAGCGGGGCGGGGGCGGGCCAGCT
GGACGGGCTGCCGCGCTGCGCCGCCACCTGGGCGAGACTGCAGCGATGGATTGGTGTGTCTCCCC
TGCTGGCACTTCTCCCCTCCCTGGCCCTTCTCAGTTTTCTCTTACATGTTTGTGGGGGTGGGAGATTG
TTCTCCAGCACCCACATTACCCCTGCCAGAGATTCCCCTTCTCCTCTCCCCTACTGGAGGCAAAG
GAAGGGGAGGGTGGATGGGGGGCAGGGCTCCCCTCGGTACTGCGGTTGCACAGAGTATTTGCGCTAA
ACCAAGAAATTTTTATTACAAAAGAAAAAGAAAAAATCCCAGCGCCACCTTCTCCTCCCTG
CCCCATTGGGACAGTCGAGACTGGATCTGTGGGTTTCCCGGAGGGTGGCTCAGGGCTGGAACACTCT
CAGGCAAGAGTGGTGGAGCTCCCGTCAGGCCCTCCGCCAGGCCACTGTGGGCTTCTCCCCTCCTCC
CTCCTTCCCCTCAAGCAAACCACAGAGGTGGCCTTCCCCTGACCTCAGGCCCTGGGCTGGAGGCT
GGGCGGTGGGGCAGGGGGCGGGGTGCTGCGCAGCCCTGCAGTGGTGGGCTGGGGCTGCTCCGGG
CTGCTGAGGCTGGAGGGCCGCACAAGGCTCCGCCTCCCTCCACTGTACCTCTGCCCTCCTCCCC
AGAGCTGGGCATTTCTTCCACAAGCTGCTGTGGGACGTGTGTTCCCTCAAAGTCTGTGCCATCTTCT
CCCACCCCTCCCGGTAGAAGGAGGGGCTGACCCAGGGCTGGGAGAGGGGAGGGGACTGGAGGGCAGA
CTGGCTTCTCGGTCCCAGGGGGCCGCTGGGCTGTTGGTCTCCAGAGCAGGGCCACTGGGCACTCTGT
GATGGGGAGCCTTTGTCTGAAAGCACAGCCCCCTCGCCCTTCTCTCCCATGGCTTCCCCTTCATTG
GCATTAATCTGGGCACCAGCTCTCTCCATAGCAGTACTTCCCTCACCCTCTCATCTCAGCCTTGC
CTTTTCTTCTGACACTGTCGCCCTCCTCTCAGGAGACACTGCCGAGGGCCACCTGGCAGAAGGCTG
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TCCCTTAATTTATTTCTGCTGTTTCTGTTCTTGAGAAATTGGGGTGGGAGTCTACACAGAGGCTG
CCCCTACCCTCACCTGAGTTGTACATTTTTTTGTGATGGGTTTTATTTTTATTATTTATTTATTT
TTTTTTTTTTGATTTATGATGACTCCACCCTTCTCATACCCCCGCTCCAGGCCAGGCTCAGCGATT
AAGCCGAGCCCTTGCCTCTAGGAAGGGCCTTGCCAACCTCAGCCCTCCTGCCACACTCCTACTGC
GGCTCAGACCAAGGGCTCCCCTCCCTCCCTTCCCCCTCCTGCCCTATGGAACAGCCCGGTGCTCTG
AGGGGGCTGGGAGGGCATGGCTTGGCTCCCAAAGGGGTAGGGGCCCGGGCACCAGGCAAGGTGGCC
CCTCCCCTGCTAGCCCCCTCCTCCCAACCCTGCACCTAGTTTCTCCTCTGGATCAAACACGTAATAAA
GAGAATGTTTGAATCTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_004954.5](#)

Summary: This gene encodes a member of the Par-1 family of serine/threonine protein kinases. The protein is an important regulator of cell polarity in epithelial and neuronal cells, and also controls the stability of microtubules through phosphorylation and inactivation of several microtubule-associating proteins. The protein localizes to cell membranes. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2009]

Locus ID: 2011

MW: 64.3