

Product datasheet for **SC216515**

MARK2 (NM_001163297) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MARK2 (NM_001163297) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MARK2
Synonyms:	EMK-1; EMK1; PAR-1; Par-1b; Par1b
ACCN:	NM_001163297
Insert Size:	1813 bp



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Insert Sequence: >SC216515 3'UTR clone of NM_001163297
 The sequence shown below is from the reference sequence of NM_001163297. 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
TTCTCCAGCACCCACATTCACCCTGCCAGAGATTCCCCTTCTCCTCTCCCCTACTGGAGGCAAAG
GAAGGGGAGGGTGGATGGGGGGCAGGGCTCCCCTCGGTACTGCGGTTGCACAGAGTATTTGCGCTAA
ACCAAGAAATTTTTATTACAAAAGAAAAAGAAAAAATCCCAGCGCCACCTTCTCCTCCCTG
CCCCATTGGGACAGTCGAGACTGGATCTGTGGGTTTCCCGGGAGGGTGGCTCAGGGCTGGAACACTCT
CAGGCAAGAGTGGTGGAGCTCCCGTCAGGCCCTCCGCCAGGCCACTGTGGGCTTCTCCCCTCCTCC
CTCCTTCCCCTCAAGCAAACCACAGAGGTGGCCTTCCCCTGACCTCAGGCCCTGGGCTGGAGGCT
GGGCGGTGGGGCAGGGGGCGGGGTGCTGCGCAGCCCTGCAGTGGTGGGCTGGGGCTGCTCCGGGG
CTGCTGAGGCTGGAGGGCCGCACAAGGCTCCGCCTCCCTCCACACTGTACCCTCTGCCCTCCTCCCC
AGAGCTGGGCATTTCTTCCACAAGCTGCTGTGGGGACGTGTGTTCCCTCAAAGTCTGTGCCATCTTCT
CCCACCCTCCCGGTAGAAGGAGGGGCTGACCCAGGGCTGGGAGAGGGGAGGGGACTGGAGGGCAGA
CTGGCTTCTCGGTCCCAGGGGGCCGCTGGGCTGTTGGTCTCCAGAGCAGGGCCACTGGGCACTCTGT
GATGGGGAGCCTTTGTCTGAAAGCACAGCCCCCTCGCCCTTCTCTCCCATGGCTTCCCCTTCATTG
GCATTAATCTGGGCACCAGCTCTCTCCATAGCAGTACTTCCCTCACCCTCTCATCTCAGCCTTGC
CTTTTCTCCTGACACTGTCGCCCTCCTCTCAGGAGACACTGCCGAGGGCCACCTGGCAGAAGGCTG
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GCTTGCTACCCTCAGTGGCCAGTGTGGCGTGGCGGTTTGGGGCGCTTGGCTGGTGGTGGCCACTGCA
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CCCCTACCCTCACCTGAGTTGTACATTTTTTGTGATGGGTTTTATTTTTATTATTTATTTATTTT
TTTTTTTTTTGATTTATGATGACTCCACCCTTTCATCACCCCCGCTCCAGGCCAGGCTCAGCGATT
AAGCCGAGCCCTTGCCTCTAGGAAGGGCCTTGCCAACCTCAGCCCTCCTGCCACACTCCTACTGC
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AGGGGGCTGGGAGGGCATGGCTTGGCTCCCAAAGGGGTAGGGGGCCCGGGCACCAGGCAAGGTGGCC
CCTCCCCTGCTAGCCCCCTCCTCCCAACCCTGCACCTAGTTTCTCCTCTGGATCAAACACGTAATAAA
GAGAATGTTTGAATCTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_001163297.2](#)

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