

## Product datasheet for **SC216514**

### MARK2 (NM\_001163296) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	MARK2 (NM_001163296) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MARK2
Synonyms:	EMK-1; EMK1; PAR-1; Par-1b; Par1b
ACCN:	NM_001163296
Insert Size:	1813 bp



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**Insert Sequence:** >SC216514 3'UTR clone of NM\_001163296  
 The sequence shown below is from the reference sequence of NM\_001163296. 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
GGGCGGTGGGGCAGGGGGCGGGGTGCTGCGCAGCCCTGCAAGTGGTGGGCTGGGGCTGCTCCGGG
CTGCTGAGGCTGGAGGGCCGCACAAGGCTCCGCTCCCTCCACTGTACCCTCTGCCCTCCTCCCC
AGAGCTGGGCAATTTCTTCCACAAGCTGCTGTGGGACGTGTGTTCCCTCAAAGTCTGTGCCATCTTCT
CCCACCCCTCCCGGTAGAAGGAGGGGCTGACCCAGGGCTGGGAGAGGGGAGGGGACTGGAGGGCAGA
CTGGCTTCTCGGTCCCAGGGGGCCGCTGGGCTGTTGGTCTCCAGAGCAGGGCCACTGGGCACTCTGT
GATGGGGAGCCTTTGTCTGAAAGCACAGCCCCCTCGCCCTTCTCTCCCATGGCTTCCCCTTCAATG
GCATTAATCTGGGCACCAGCTCTCTCCATAGCAGTACTTCCCTCACCCTCTCATCTCAGCCTTGC
CTTTTCTTCTGACACTGTCGCCCTCCTCTCAGGAGACACTGCCGAGGGCCACCTGGCAGAAGGCTG
AGTTAGGCAGCAGGGCCGGAGCGTCTGCCCTCCACAGGTGGGGACAGATAGGCTAAGCGACTCCCA
GCTTGCTACCCTCAGTGGCCAGTGTGGCGTGGCGGTTTGGGCGCTTGGCTGGTGGTGGCCACTGCA
TCCCTTAATTTATTTCTGCTGTTTCTGTTCTTGAGAAATTGGGGTGGGAGTCTACACAGAGGCTG
CCCCTACCCTCACCTGAGTTGTACATTTTTTTGTGATGGGTTTTATTTTTATTATTTATTTATTTT
TTTTTTTTTTGATTTATGATGACTCCACCCTTCTCATCACCCCGCTCCAGGCCAGGCTCAGCGATT
AAGCCGAGCCCTTGCCTCTAGGAAGGGCCTTGCCAACCTCAGCCCTCTGCCCCACACTCCTACTGC
GGCTCAGACCAAGGGCTCCCCTCCCTCCCTTCCCCCTCCTGCCCTATGGAACAGCCCGGTGCTCTG
AGGGGGCTGGGAGGGCATGGCTTGGCTCCCAAAGGGGTAGGGGGCCCGGGCACCAGGCAAGGTGGCC
CCTCCCCTGCTAGCCCCCTCCTCCCAACCCTGCACCTAGTTTCTCCTCTGGATCAAACCGTAATAAA
GAGAAATGTTTGAATCTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**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\\_001163296.2](#)

**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