

Product datasheet for **SC216047**

MAPRE1 (NM_012325) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MAPRE1 (NM_012325) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MAPRE1
Synonyms:	EB1
ACCN:	NM_012325
Insert Size:	1707 bp



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Insert Sequence:

>SC216047 3'UTR clone of NM_012325

The sequence shown below is from the reference sequence of NM_012325. 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
GGCCACAGGAGGAGCAAGAAGAGTATTAAACAGCCTGGACCAGCAGAGCAACATCGGAATTTCTCACTC
CAAATCATGTGCTTAACTGTAAAATACTCCCTTTTGTATCCTTAGAGGACTCACTGGTTTCTTTTCAT
AAGCAAAAAGTACCTCTTCTTAAAGTGCACCTTTCAGACGTTTCACTCCTTTTCCAATAAGTTTGAGTT
AGGAGCTTTTACCTTGTAGCAGAGCAGTATTAACACCTAGTTGGTTACCTGGAAAACAGAGAGGCTGA
CCGTGGGGCTCACCATGCGGATGCGGGTCACACTGAATGCTGGAGAGATGTTATGTAATATGCTGAGGT
GGCGACCTCAGTGGAGAAATGTAAGACTGAATGAATTTAAGCTAATGTGAAATCAGAGAATGTTGT
AATAAGTAAATGCCTTAAGAGTATTTAAAATATGCTTCCACATTTCAAAAATAAAAATGTAACATGACA
AGAGATTTTGGCTTTGACATTGTGTCTGGGAAGGAAGGGCCAGACCTTGGAACCTTTGGAACCTGCTGT
CAACAGGTCTTACAGGGCTGCTTGAACCTCATAGGCCTAGGCCTTGGTCTAAAAGGAACATTTAAAAA
GTTGCCCTGTAAAGTTATTTGGTGTCAATTGACCAATTGCATCCCAGCTAAAAGCAAGAGGCATCGTTG
CCTGGATAATAGAGGATGTGTTTCAGCCCTGAGATGTTACAGTTGAAGAGCTTGGTTTTTCATTGAGCAT
TTCTCTATTTTTCCAGTTATCCCGAAATTTCTATGTATTATATTTTTTGGGGAAGTGAGGTGCGCCA
GTTTTTAAATCTAACTACTTTTGGGACTTGGCCACATCTCTGGGATTTGAATGGGGATTGTATCC
CATTTTACTGTCTTTTAGGTTTACATTTACCACGTTTCTTCTCTGCTCCCTTGGCCACTGGGGACT
CCTCTTTGGCTCCTTGAAGTTTGTGCTTAGAGTTGGAAGTGCAGCAGGCAGGTGATCATGCTGCAAGT
TCTTTCTGGACCTCTGGCAAAGGAGTGGTCAGTGAAGGCCATCGTTACCTTGGGATCTGCCAGGCTGG
GGTGTTCGGTATCTGCTGTTTACAGCTCTCCACTGTAATCCGAATACTTTGCCAGTGCACTAATCTC
TTTGGAGATAAAATTCATTAGTGTGTTACTAAATGTTAATTTTCTTTTGGGAAAATACAGTACCCTGT
CTGAATTAATTATTAATATTTAAAATACTTCATTCCTTAACTCTCCCTCATTTGCTTTGCCACAGCCT
ATTCAGTTCCTTTGTTTGGCAGGATTCTGCAAAAATGTGTCTCACCCTACTGAGATTGTTTCAGCCCT
GATGTATTGTATTGATTGTTTCTGGTGGTAGCTTGTCTGAAATGTGTGTAGAAAAGCAAGTATTTTA
TGATAAAAATGTTGTGTAGTGCATGCTCTGTGTGAATTCAGAGGAAAACCCAGATTTCAGTGATTAACA
ATGCCAAAAAATGCAAGTAACTAGCCATTGTTCAAATGACAGTGGTGTATTTCTCTTTTGTGCCCTTT
TAGACTTTTGTGCCCTAAAATTCATTTTATTGGGAACCCATTTTCCACCTGGTCTTTCTTGACAGGG
TTTTTTTCTACTTTAAACAGTTTCTAAATAAAATTTCTGTATTTCAAGAGTA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_012325.3](#)

Summary: The protein encoded by this gene was first identified by its binding to the APC protein which is often mutated in familial and sporadic forms of colorectal cancer. This protein localizes to microtubules, especially the growing ends, in interphase cells. During mitosis, the protein is associated with the centrosomes and spindle microtubules. The protein also associates with components of the dynactin complex and the intermediate chain of cytoplasmic dynein. Because of these associations, it is thought that this protein is involved in the regulation of microtubule structures and chromosome stability. This gene is a member of the RP/EB family. [provided by RefSeq, Jul 2008]

Locus ID: 22919

MW: 64.4