

## Product datasheet for SC212048

### FMN2 (NM\_020066) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	FMN2 (NM_020066) Human 3' UTR Clone
Symbol:	FMN2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_020066
Insert Size:	1063 bp
Insert Sequence:	<p>&gt;SC212048 3'UTR clone of NM_020066</p> <p>The sequence shown below is from the reference sequence of NM_020066. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
ATTAAAGCAAAGATAAGCATGAAAACTGAACAATGAAAAGCAGAATGAAAATGAGTCATTGCAACGAC
TTTCACAAAATTCAGCTGACCTGAGAGTGGGAGGGAACTACCGTCATTCTGCTCATGTTTCTTCTTGA
CCTCTTGCATAATCTTTTGTCTTAGACAGTTCATAATTGTTGAATTTTACTGTATATTCATATAA
AAATGCAAACGTACTAGACCAAGTGGAGAATTTGACACCTTTTCTTTTGTAAAAGTTTATGGTATTATA
CCGATAGACCAAAACAGCATGTGTAAGAGGCAGTATCTGCACTAATTCTCAACATGCTAAACATTAAC
ACAATTCACTGTTGTGAGAATATTCCTCGTCACAGCAAAAACTTTCTTTCTACTGACAACCAAGTCC
TCCACATCACAGCATTTAGACATATGGGTAAAATGTTATTTCTAGTGAATTGTTGTATCAGTTTCATG
TCTAAGTATAAATTTCTATTTTAAAAATTAAGAACCGTTTATAATCAGTGCTTTCCCAACTCTTGGGT
TGCTCTCCATAACTATGTATTTGTGAAAGAAAATGGTCATTTTTTTTACTGAAGTCATATAATGACTTG
GGTCAGCTCGTAATGCATTGTGATGGTTTTGTATGAGCTGGGTGTTTTTCCATTACTTTTAATGATC
TTCGTTGCAAGTTATAGTTGTGGATAAAGGGGAGAATTTATTGCTCTTGCAAACCAATTATGAAAGCA
ACTTAAGAAAACCAATGTTCTAAATCATAATTGTTGTATTTATGTAAGTATGGTCTCTTACTTTTTTA
GTTTGTAGTTTAAAGTCAAAGAAACAGTAGTGGTTTTTTTCTATTGTTTGTAGCTTCTCTGTCCCT
TCAGTCCCTCCAGTGTGTATATTACCATCTCCAATGAAATAATAGGGCATTTAACAAAGATCGCTATG
TGCAATACTGTATTTAGTGTCTTATTTCAATTTTCTAGGATGTTAATTTATATGAAAAATAAATGAA
TAATAAAGAATAAAGATACTTGCAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCGCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI


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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:	<u><a href="#">NM_020066.5</a></u>
Summary:	This gene is a member of the formin homology protein family. The encoded protein is thought to have essential roles in organization of the actin cytoskeleton and in cell polarity. This protein mediates the formation of an actin mesh that positions the spindle during oogenesis and also regulates the formation of actin filaments in the nucleus. This protein also forms a perinuclear actin/focal-adhesion system that regulates the shape and position of the nucleus during cell migration. Mutations in this gene have been associated with infertility and also with an autosomal recessive form of intellectual disability (MRT47). Alternatively spliced transcript variants have been identified. [provided by RefSeq, Jul 2017]
Locus ID:	56776
MW:	40.9