

Product datasheet for **SC201980**

VIRMA (NM_183009) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	VIRMA (NM_183009) Human 3' UTR Clone
Symbol:	VIRMA
Synonyms:	fSAP121; KIAA1429; MSTP054
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_183009
Insert Size:	183 bp
Insert Sequence:	>SC201980 3'UTR clone of NM_183009 The sequence shown below is from the reference sequence of NM_183009. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC CTTATAAATGACTGCAGTAACACTTTTT AAA AGCCAGTGATTTTGTAAAAACAAAAACCCTCATCT CCCTTCTCCAAAAAGACATAAAATAACCGGATGAGGGGGAGATAAACTGAAACAAGTTGGTCATTG AGGAAATATGGGGTAACATTTTAAATAAATTTTGTAAAGTGA ACGCGT AAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA 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:	<u>NM_183009.3</u>



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Summary:

Associated component of the WMM complex, a complex that mediates N6-methyladenosine (m6A) methylation of RNAs, a modification that plays a role in the efficiency of mRNA splicing and RNA processing (PubMed:24981863, PubMed:29507755). Acts as a key regulator of m6A methylation by promoting m6A methylation of mRNAs in the 3' UTR near the stop codon: recruits the catalytic core components METTL3 and METTL14, thereby guiding m6A methylation at specific sites (PubMed:29507755). Required for mRNA polyadenylation via its role in selective m6A methylation: m6A methylation of mRNAs in the 3' UTR near the stop codon correlating with alternative polyadenylation (APA) (PubMed:29507755). [UniProtKB/Swiss-Prot Function]

Locus ID:

25962

MW:

6.8