

Product datasheet for **SC308770**

VIRMA (NM_015496) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VIRMA (NM_015496) Human Untagged Clone
Tag:	Tag Free
Symbol:	VIRMA
Synonyms:	fSAP121; KIAA1429; MSTP054
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_015496, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGTGGACTCGGCGATGGAGCTGTTATTTTTAGATACTTTTAAACACCCGAGCGCT
GAGCAAAGTTCTCATATAGATGTGGTTCGTTTTCCATGTGTGGTTATATCAATGAAGTC
CGAGTCATACCCCGAGGAGTAAGAGCCCATAGCAGTCTGCCAGACAATAGAGCATATGGA
GAGACATCTCCCATACATTTCAATTAGACTTATTCTTCAACAATGTAAGCAAACCAAGT
GCCCTGTTTTCGATAGGTTGGGAAGCCTGGAATATGATGAGAATACTTCCATCATCTTT
AGACCTAACTCAAAGGTGAATACTGATGGTCTGGTGCTAAGAGGCTGGTATAACTGTCTG
ACACTGGCAATATATGGATCAGTGGATAGAGTGATAAGTCATGACAGAGACTCTCCACCA
CCACCACCTCCACCGCCACCACCTCCCCAGCCACAACCAAGTTTAAAAAGGAATCCAAAA
CATGCTGATGGGGAGAAAAGAAGATCAGTTTAAATGGAAGCCCTCCAAGACCACAGCCAAGG
GGACCAAGAACTCCTCCAGGACCCCTCCACCTGATGATGATGAAGATGATCCTGTGCCCT
CTGCCAGTGTCTGGTGACAAGGAAGAGGATGCTCCTCATAGAGAAGATTACTTTGAGCCC
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GAAGTCTGTGACAGATTAAGAACTTGGTGACATTTAGCAGAGAAGACTTCATCTCTT

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CCTAACCCACAGTGAACCTGATCACGACACAGATGCTGGACTTGAGAGAACAACCCAGAA
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 GAAGGGGAAAATAGAAAGGCTTATTAACCTCCTAGAAGAAGTTTTTCATTTAATGGAACT
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 GGACCTCCAGAGAGGGATGATCCATACCCTGTTCTCTTTAGATATCTTCACAGTCATCAC
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 CAAACCACCAGGTTGCTTCTTCTGATGCTCTGGCTTACACAAAAGCTTGTAAATTA
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 ATGAGACAAAATCTTAACTCTGACACAATTGGATGCTGTGGAGATGATAATGGTCTCATG
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 AGTGACTTTGATTTGCACTCAGAATTAGAGCGCTCATTTTTGTCAGAACCATCATCTCCA
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CCAAGAGGAAGGGGCAGGGGAGGATTTGGACAGGGTATACGACCTCATGATATTTTTCGT
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GAAAGTAAAGAAGTGGTTCCTCAAGATGGAATACCTCCACAAAACGGCCACTCAAAGTA
TCACAGAAGATTTCTTCCCGTGGTGGGTTTTTTCAGGCAATAGAGGAGGACGGGGTGTTC
CACAGTCAGAATAGGTTTTTTCACACCACCTGCTTCAAAGGAACTACAGTCGTCGGGAA
GGAACAAGAGGCTCCAGTTGGAGTGCTCAGAATACTCCTCGAGGAAATTACAATGAAAGT
CGTGGAGGCCAGAGCAATTTTAAACAGAGGCCCTTCCACCATTACGACCCCTTAGTTCT
ACAGGTTACCGCCAAGTCCCTCGGGACCGTCTTCTAGAGGTCGTGGGGACTTGGACCT
TCTGGGCTAGTCAAATAGCGGCAAGTGGAGGCTCAAGAGGAAAGTTTGTAGTGGAGGC
AGTGGTAGAGGTCGTCATGTACGCTCCTTTACACGATAA
    
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Restriction Sites:	Please inquire
ACCN:	NM_015496
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_015496.3</u> , <u>NP_056311.2</u>
RefSeq Size:	5786 bp
RefSeq ORF:	5439 bp
Locus ID:	25962
UniProt ID:	<u>Q69YN4</u>
Cytogenetics:	8q22.1

Gene 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]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.