

Product datasheet for **SC120445**

MARCHF9 (NM_138396) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MARCHF9 (NM_138396) Human Untagged Clone
Tag: Tag Free
Symbol: MARCHF9
Synonyms: MARCH-IX; MARCH9; RNF179
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_138396 edited
GAGAGCGGACCGCCGAGCGCACGGGCCGAGCCAAGCCTGATCCCCGGAGCCGGAGGGGGAC
TGGGACCGAGAGAACGGCGATGGGGGGCGGCCCGCCGAGGAGACCCGGGCGCGTAAC
CCCGGGGGCCCGCCCGCTCCAGACCCAGACCCGCGGGGTGCGGCACCCTGAGCCCCCT
CCCCGCCCTGCCCTGGCCATGGCCGCCACCCCGCCGCCCGGGCCGCCAGCCCGCT
CGGCCCGCAAGCACCGAGCCCGGGGTGGCAGCAGTGAACGGCTGTCGACGGCCCCG
AAGACCCCGCCCGGCTCGGCTCTCTAGCGCGCCCCCTTCCCGCCTTGTACTCTCC
CTCCCCCGCCGCTAGCGAGCCCCCTTGACGCTGCCCGCCCGCCCGGTGTCGGACG
ATGCTCAAGTCTCGGCTCCGCATGTTTCTGAACGAGCTGAAGCTGCTGGTGTGACAGGC
GGGGGGCGCCCGGGCCGAGCCCAACCCGGGGGGCCGGGGAGGCGGCTGCGGCTGG
GCGCCCTTCGCTGGTTGCTCCACCGGGACGGCGACGGCGACGAGGAGGAGTACTACGGG
TCGGAGCCGCGGGCCCGGGCCCTGGCCGCGACAAGGAGCCGCGGCGGACCCCTGCCG
CCGCCCGCGCCCGCTGCCGCCCGGGCGCGCTGGACGCCCTGTGCTCAGCAGTAGC
CTGGACAGCGGACTCCGAACCCCTCAGTGCCGGATCTGCTTCCAGGGCCCGGAGCAGGGG
GAGCTCTTAAGCCCTGCCGCTGCGACGGCTCAGTGCGCTGCACGCATCAGCCCTGCCTC
ATCCGCTGGATCAGCGAGAGGGGCTCCTGGAGCTGTGAGCTCTGCTACTTCAAGTACCAG
GTCCTGGCGATCAGCACCAAGAACCCTGCAGTGGCAGGCCATCTCCCTGACGGTCATC
GAGAAGGTCCAGATTGCTGCCATAGTTCTGGGCTCGCTCTTCTGTTGCCAGCATCTCC
TGGCTCATCTGGTCTCACTCAGCCCTCAGCCAAGTGGCAACGACAGGATCTGCTCTTT
CAGATCTGCTACGCATGTATGGCTTCATGGATGTCGTCTGCATAGGCCTCATCATCCAT
GAAGGCTCCTCTGTCTACCGCATCTTCAAGCGCTGGCAGGCAAGTGAACCAGCAGTGAAG
GTCCTAAATTATGACAAGACCAAGGACATAGGAGGAGATGCAGGGGGAGGGACGGCAGGG
AAGTCAGGCCCCAGGAACCTACGGACGGGCCACCTCTGGGGCCAGAGCCGCCCCCA
GCTGCCAGCGCATGCGGACGCTCTTGCCTCAGCGCTGCGGTTATACAATCTTGCACCTC
CTTGGGACGCTGCGGCCACCAGATGCCCGTTCCAGCTCCCATTCTGGCCGAGAGGTTGTC
ATGAGGGTCACTACAGTCTGAAGTGGACTCCAGGAGCAGGGATCTTGAGTCAATGCATCA
GTCAGAGAAGAACTCTCATGGCTGCTGGAGGTAC



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Restriction Sites:	Please inquire
ACCN:	NM_138396
Insert Size:	1500 bp
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:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_138396.4.
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_138396.4</u> , <u>NP_612405.2</u>
RefSeq Size:	2462 bp
RefSeq ORF:	1041 bp
Locus ID:	92979
UniProt ID:	<u>Q86YJ5</u>
Cytogenetics:	12q14.1
Protein Families:	Transmembrane
Gene Summary:	MARCF9 is a member of the MARCH family of membrane-bound E3 ubiquitin ligases (EC 6.3.2.19). MARCH enzymes add ubiquitin (see MIM 191339) to target lysines in substrate proteins, thereby signaling their vesicular transport between membrane compartments. MARCF9 induces internalization of several membrane glycoproteins and directs them to the endosomal compartment (Bartee et al., 2004 [PubMed 14722266]; Hoer et al., 2007 [PubMed 17174307]).[supplied by OMIM, Apr 2010]