

## Product datasheet for **SC316932**

### MARCHF11 (NM\_001102562) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MARCHF11 (NM_001102562) Human Untagged Clone
Tag:	Tag Free
Symbol:	MARCHF11
Synonyms:	MARCH-XI; MARCH11; RNF226
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316932 representing NM_001102562. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGCTTTGAGGGCGGCCACGGCGCAGTCGGTGTGCGGGGGCGGAGAGCGGGGACGCCGAGCCTCCC
CCGCAACCTCCCCCGCCGCCGCCGCGCAGCCGCCGCCGGGAGAGCCGGCCCCGGTCCCCCGGGCCCCG
CGCTACCTGCCGCCGTGCCCGCTCCCCGAGACCCCGAGCGCGCCGGGGCCAAGCGAGCCGCTA
GGGAGGTGGCCCCGGTGCAGGGGAGCGGACGAGCTGCCGCCTCCGCCCTGCCCTGCAGCCCGCC
GGCCAGGAAGTGGCGGCCGCCGACTCCGGGAAGTCCGAGGCGCCTCCCGAGGCGGCAGCAGCG
AAAGGCGCCCCGGGAGTCTGAGGCCGGCGGGCGGCGAGCGCGAGCGGGGGCGCCGAGACCAG
CCCGAGACGCGCTCGGTGTGCAGCAGCCGAGCAGCAGCAGTGGCGGGCGGACCAGCGCCTGGGCAC
CAGCACCAGCACCAGCCCATCTGCAAGATCTGCTTCCAGGGCGGGAGCAGGGTGAGTTGTTGAAC
CCCTGCCGATGTGATGGGTGAGTTCCGTTACACATCAGCTGTGCTGCTAAAATGGATCAGTGAGAGA
GGTTCCCTGGACCTGTGAACCTTGTCTGTTATAGATACCATGTTATAGCCATTAATAAAGCAACCTTGC
CAGTGGCAGAGCATTCTATAACACTGGTTGAGAAAGTTCAGATGATTGCTGTAATCCTAGGATCCCTG
TTCTTAATAGCCAGTGTGACTTGGCTCCTCTGGTCAGCCTTCAGCCCCTATGCAGTGTGGCAGAGGAAG
GACATCCTTTTTCAGATCTGCTATGGAATGTATGGTTTTATGGATCTAGTGTGCATAGGTCTCATTGTT
CATGAAGGAGCTGCAGTTTACAGAGTGTAAAGCGTGGCGAGCTGTAATTTGCAGTGGGATGTGTTA
AATTATGACAAAGCCACAGACATCGAAGAAAGCAGCCGGGAGAGTCTTCCACAAGTAGGACTTTGTGG
TTGCCATTGACAGCTCTGCGGAACAGAACTTGGTCCACCAACTCAGTTAACCTCACCAAGGTTTCAG
TGTGGCTATGTGTTATTGCACCTGTTCAATCGGATGAGGCCCATGAAGACTTATCAGAAGATAACAGC
TCGGGGGAGGTTGTGATGAGAGTGACTTCAGTGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-Mlul



[View online >](#)

<b>Plasmid Map:</b>	□
<b>ACCN:</b>	NM_001102562
<b>Insert Size:</b>	1209 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p>
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_001102562.1</a>
<b>RefSeq Size:</b>	1528 bp
<b>RefSeq ORF:</b>	1209 bp
<b>Locus ID:</b>	441061
<b>UniProt ID:</b>	<a href="#">A6NNE9</a>
<b>Cytogenetics:</b>	5p15.1
<b>MW:</b>	43.9 kDa

**Gene Summary:**

MARCF11 is a member of the MARCH family of membrane-bound E3 ubiquitin ligases (EC 6.3.2.19). These enzymes add ubiquitin (see MIM 191339) to target lysines in substrate proteins, thereby signaling their intracellular transport. March11 appears to have a role in ubiquitin-mediated protein sorting in the trans-Golgi network (TGN)-multivesicular body (MVB) transport pathway (Morokuma et al., 2007 [PubMed 17604280]).[supplied by OMIM, Apr 2010]