

Product datasheet for **SC336838**

MARCF8 (NM_001282866) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MARCF8 (NM_001282866) Human Untagged Clone
Tag:	Tag Free
Symbol:	MARCF8
Synonyms:	c-MIR; CMIR; MARCH-VIII; MARCH8; MIR; RNF178
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC336838 representing NM_001282866.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGAGCATGCCACTGCATCAGATCTCTGCCATTCATCCCAGGATGCCATCTCTGCTAGAGTCTACAGA
AGTAAGACCAAAGAAAAGGAGAGGGAAGAACAAGAAATGAGAAGACTTTGGGACATTTTCATGAGTCATTCA
AGCAACATTTCTAAGGCTGGGAGTCTCCGTCAGCATCAGCTCCGGCTCCGGTGTCTCCTTCTCTCGC
ACTTCTATCACGCCATCCAGCCAGGACATCTGCAGTTCAGTGCAGTGTCTTCTGAGTGTGTCCACCAC
AGTTCCGTGCAGTCTGCTGTTGTCTCGAAAGCTCCTCACTGCCAGAGTCTCTGACACAAGGGCTCACT
GTGACAGTTATCTGTAAGGACACATTACAGGCGTCAAAGAGAAATTCCTTTGGTTCAGAATGGGCCAG
GCCTTGAAGCCTGCTAAGAATACCAAAGCCAGAAGAACAATAAGTTCTCAAGTCCCTCAATGATGTG
GGTGAGAAGGCGCAGGATACTTCAGAAAGTTTGCCTATGTGGAAAGAACTTGTCTGAAGGAAATTA
ATACTCCCTCAAGATACGTGTCTCAGAATAACAGGTTTCATCATAAAGAAAAAAGAACCTGAACCAC
AAACCTCTTGGAATTCAAACATCTTGTGTTTCATGCCTTTCTGCCGGTCGCTCAACTGCCTCAGAG
GTGGAAGCTGGCAAGGGGGCAGGCCCGCCTGCTGCTGGAAGAGAAGGCGGATGGTGAAGCCACGTC
CGAAGCCGGCAACTGCTCCAGTACCTGTTCTCACTCTCGACGGCTTGAGCGCCAGCAGCCTGCACAGG
TTCCATGAGCTGGAGAGCTGCGCTGCTCGCTGCACACTGCCAAGTCTCCAGCGGGCTGGCAGGGAGT
ATGGGCTTCTGCTCTGACGAGATGGGAGACGACGATGTCTTTGAGGACAGCACATCTGCAAACTGAAG
AGTAGGGTTCTGCGGGCGCCCTCTGCTCCACGGAAAAGGACAGCGACCTGGATTGTCTCTCCCTTC
TCTGAAAAATTACCCCCATATCTCCCGTGTCCACGTGAGGGATGTCTGCAGGATCTGCCACTGTGAA
GGAGATGATGAGAGCCCCCTGATCACCCCTGCCACTGCACAGGAAGCCTCCACTTCGTGCACCAGGCC
TGCTGCAGCAGTGGATCAAGAGCTCCGACACGCGTCTGCGAGCTCTGCAAGTATGAGTTCATCATG
GAGACCAAGCTGAAGCCACTGAGAAAATGGGAGAAGTTGCAGATGACGTCCAGCGAGCGCAGGAAGATC
ATGTGCTCAGTGACATTCACGTCATTGCCATCAGTGTGGTCTGGTCTTGTATGTGCTCATTGAC
CGTACTGCTGAGGAGATCAAGCAGGGGCAGGCAACAGGAATCCTAGAATGGCCCTTTTGGACTAAATTTG
GTGTTGTGGCCATCGGCTTCACCGGAGGACTTCTTTTATGTATGTTCAAGTGTAAAGTGTATGTGCAA
TTGTGGAAGAGACTCAAGGCCTAATAGAGTGTCTATGTTCAAACACTGTCCAGAAACAAGCAAAAAG
AATATTTTAAAAATCTCCACTAACAGAGCCAACTTTGAAAAATAACATGGATATGGAATCTGTCAT
TCCGACACAAACTCTTCTTGTTCACAGAGCCTGAAGACTGGAGCAGAAATCATTACGCTTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGCGC
  
```

Restriction Sites: Sgfl-Mlul

ACCN: NM_001282866

Insert Size: 1722 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).

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:	NM_001282866.1
RefSeq Size:	5658 bp
RefSeq ORF:	1722 bp
Locus ID:	220972
UniProt ID:	Q5T0T0
Cytogenetics:	10q11.21-q11.22
Protein Families:	Druggable Genome, Transmembrane
MW:	63.3 kDa
Gene Summary:	<p>MARCF8 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. MARCF8 induces the internalization of several membrane glycoproteins (Goto et al., 2003 [PubMed 12582153]; Bartee et al., 2004 [PubMed 14722266]).[supplied by OMIM, Apr 2010]</p> <p>Transcript Variant: This variant (4) represents the longest transcript and encodes the longer isoform (b).</p>