

## Product datasheet for **SC207032**

### **MARCHF2 (NM\_016496) Human 3' UTR Clone**

#### **Product data:**

**Product Type:** 3' UTR Clones  
**Product Name:** MARCHF2 (NM\_016496) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** MARCHF2  
**Synonyms:** HSPC240; MARCH-II; MARCH2; RNF172  
**ACCN:** NM\_016496  
**Insert Size:** 501 bp  
**Insert Sequence:** >SC207032 3'UTR clone of NM\_016496  
The sequence shown below is from the reference sequence of NM\_016496. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGAAGGTGGCAGAGGAGACACCAAGTATGATGCTGGGCTCTCCGGACCCTGCAGCAGAGAGGCCAGAG
GTAGCTGGTGATACCCTGTCTGTGGAAGGACTTCCACTTCAACACTTCCACTTCAACAGTTCGCCGAC
GGCCTGAACGCTTCTTAGGCCAAGAGACACCATGCAGAGCCTAGTCTGTGATCCTGTGTAAGATATTT
TCAGGGTTTTTTTTTTTTTTTTTTTTGTCATATGGAGGACAGGTGGACATGGTCTGAGCTCTGGACGGAG
CAGGCACCCTGATCTCATTCTGAGGTCCACATGGCACCTTCTGGGCCAGCAGCTGTGGCCGGTGTATCA
AGGGCGCCCTTAAAGCTGGAACATTCCAGCAAGCTTCTTGGCCTTCTCTGCACCCGGCAGGCCACTTT
CCTGGCACCTCGACTTTATATAAAAGTTGCACTGCGTTTCAAAAACCCACCCCTGAATGAATAAAAGG
AGCCCTGGCTGGACAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-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:** [NM\\_016496.5](#)



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**Summary:** MARCH2 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. MARCH2 reduces surface accumulation of several glycoproteins and appears to regulate early endosome-to-trans-Golgi network (TGN) trafficking (Bartee et al., 2004 [PubMed 14722266]; Nakamura et al., 2005 [PubMed 15689499]).[supplied by OMIM, Mar 2010]

**Locus ID:** 51257

**MW:** 18.2