

## Product datasheet for **SC332991**

### **MARCF6 (NM\_001270661) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	MARCF6 (NM_001270661) Human Untagged Clone
Tag:	Tag Free
Symbol:	MARCF6
Synonyms:	DOA10; FAME3; MARCH-VI; MARCH6; RNF176; TEB4
Vector:	pCMV6-Entry (PS100001)



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**Fully Sequenced ORF:** >SC332991 representing NM\_001270661.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGACACCGCGGAGGAAGGCCGCATCTACAAGTGCTTGTACTGGCTCCGTGAGCTCACTACTGACG
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TAA
  
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**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001270661

**Insert Size:** 2418 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).

<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>	<u>NM_001270661.1</u>
<b>RefSeq Size:</b>	9395 bp
<b>RefSeq ORF:</b>	2418 bp
<b>Locus ID:</b>	10299
<b>UniProt ID:</b>	<u>O60337</u>
<b>Cytogenetics:</b>	5p15.2
<b>Protein Families:</b>	Transmembrane
<b>MW:</b>	90.4 kDa
<b>Gene Summary:</b>	<p>This gene encodes a member of a family of membrane-associated E3 ubiquitin ligases containing RING-CH-type zinc finger motifs. Ubiquitination of type II deiodinase by the encoded protein is an important regulatory step in thyroid hormone signalling. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012]</p> <p>Transcript Variant: This variant (3) lacks three alternate in-frame exons in the coding region, compared to variant 1. The encoded isoform (3) is shorter than 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.</p>