

Product datasheet for SC300429

MARCH8 (NM_001002265) Human Untagged Clone

Product data:

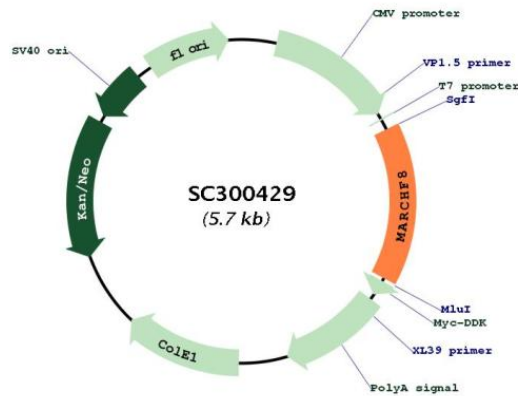
Product Type:	Expression Plasmids
Product Name:	MARCH8 (NM_001002265) Human Untagged Clone
Tag:	Tag Free
Symbol:	MARCH8
Synonyms:	c-MIR; MARCH-VIII; MIR; RNF178
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC300429 representing NM_001002265. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGGATCGCC
ATGAGCATGCCACTGCATCAGATCTCTGCCATTCCATCCCAGGATGCCATCTCTGCTAGAGTCTACAGA
AGTAAGACCAAAGAAAAGGAGAGGGAAGAACAAGATGAGAAGACTTTGGGACATTCATGAGTCATTCA
AGCAACATTTCTAAGGCTGGGAGTCTCCGTCAGCATCAGCTCCGGTCCGGTGTCTCTCTCTCGC
ACTTCTATCACGCCATCCAGCCAGGACATCTGCAGGATCTGCCACTGTGAAGGAGATGATGAGAGCCCC
CTGATCACCCCTGCCACTGCACAGGAAGCCTCCACTTCGTGCACCAGGCCTGCCTGCAGCAGTGGATC
AAGAGCTCCGACACGCGCTGCTGCGAGCTCTGCAAGTATGAGTTCATCATGGAGACCAAGCTGAAGCCA
CTGAGAAAATGGGAGAAGTTGCAGATGACGTCCAGCGAGCGCAGGAAGATCATGTGCTCAGTGACATTC
CACGTCATTGCCATCACATGTGTGGTCTGGTCTGTATGTGCTCATTGACCGTACTGCTGAGGAGATC
AAGCAGGGGCAGGCAACAGGAATCTAGAAATGGCCCTTTTGGACTAAATTGGTGGTTGTGGCCATCGGC
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GCCTATAATAGAGTGATCTATGTTCAAACTGTCCAGAAAACAAGCAAAAAGAATATTTTTGAAAAATCT
CCACTAACAGAGCCCAACTTTGAAAATAAACATGGATATGGAATCTGTCAATCCGACACAAACTCTTCT
TGTTGCACAGAGCCTGAAGACTGGAGCAGAAATCATTACGTC TGA
ACGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001002265

Insert Size: 876 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: 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.

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:

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_001002265.1](#)

RefSeq Size: 2604 bp

RefSeq ORF: 876 bp

Locus ID:	220972
Cytogenetics:	10q11.21-q11.22
Protein Families:	Druggable Genome, Transmembrane
MW:	33 kDa
Gene Summary:	<p>MARCH8 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. MARCH8 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 (1) represents the longest transcript. Variants 1, 2 and 3 encode the same protein.</p>