

Product datasheet for **SC121440**

MARCHF3 (NM_178450) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MARCHF3 (NM_178450) Human Untagged Clone
Tag:	Tag Free
Symbol:	MARCHF3
Synonyms:	MARCH-III; MARCH3; RNF173
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_178450 edited
 AGTTGTTGAGCAGGTCCGTGAATTGTCAGCGCGCTGTGGGCGACTGTGTGGCCGCGGCGG
 CCGCCAGGCTTGCCGCACTCCCCCTGAGGTGCCCGCCGGAACCAATGTGCCCTGGTCCAC
 TGGGCCGTGAGCAGCCACCGACTGGGGCAACTTGGCACTTAGAACCGCAGCAGGGACGT
 CGGTTTGTATCGGGACTCGGCGAGGACGATGAAATCCTGTATGAATGTGGAAGCCATT
 AGCAGAGTAATTGCTGTCTGTTACCATGACAACCAGCCGCTGCAGTCACCTGCCGAAGT
 CCTGCCAGACTGCACCAGCTCAGCTGCACCCGTGGTGAAGACGGTGGAGGATTGTGGCAG
 CCTAGTGAATGGGCAGCCGAGTATGTCATGCAAGTTTCAGCCAAGGACGGGCAGCTGCT
 GTCAACAGTAGTGCGGACTCTTGCCACCCAGAGCCCTTCAATGACCGGCCGATGTGCAG
 GATCTGCCACGAGGGCAGCAGCCAAGAGGACTTGTCTCTCCATGTGAATGTACAGGGAC
 CTTGGGGACAATTCATCGGAGCTGCCTGGAGCACTGGCTGTATCCTCAAACACCAGCTA
 CTGTGAACTCTGCCACTTCAGGTTTGCAGTCGAGCGCAAACCCAGGCCGTTAGTGGAGTG
 GCTGAGAAACCTGGCCCCAGCATGAGAAGCGGACTCTGTTTGGCGACATGGTGTGCTT
 CTTGTTTATAACTCCCCTGGCCACCATCTCGGGCTGGCTGTGCCGCGGGCGCCGTGGA
 CCACCTGCACTTATAGTAGTCGGCTGGAAGCCGTGGACTGATTGCACTCACTGTGCGCACT
 CTTCACTATTTACCTCTTTTGGACACTAGTGTCATTTAGGTACCCTGTGATTGTACAA
 CGAGTGGCGTCCGACCAATCAGAGGGTGATTCTCCTCATTCCAAAGTCTGTCAATGTACC
 TTCTAACCCAGCCGTCCTTGTGGCCCTCCATTCGGTCAAGAGGAACTCAAAGGAGACAGT
 TGTTTGATGTTTGTATGGTTGGTTGGTTGTTGATTTCATTGTTTGGGGTTTGGAAAGTG: T
 CTGCACTGGGGTCATGCACTGAGCG: ACCCCCAAGCCCTCCTTAAGCCTGTGGGTCTAA
 GAACATCCAGAGCATATTAGCACATCACTCCAAGCAACAACCTCCGCCAGAAGAAAGCAA
 ATGCTGTTTTACTTCAAATGATGGATGCTGCAATCATATGATATTTGCTAAGCTGCCAAA
 CATGTTTTATTAGCAGATACTGTATGGAATTTTCTGAACACCTTTAACGTATGAGGAA
 GGTGTCTGCTACGGATGCAATTCAATTCTCCTTTTTTTTATTACTATTTCAAACACAC
 ACACATATATATATATATATAAATAGATGATAATCAAAATCAAAAAGTCAACGTAACAAA
 CTGGTTTCTTGGTTTGGTTGGTCTTATTTGAGTTAGTTTGTCTCAGTTTCTCGTATG
 GATTCTTTGGGTACTTTGGTAGCCTGAGTGGTCTTTTTCATCTCTTTCGCGTCCATTAC
 TCAAGGAGACAGCATAACAGATGCAGAACAAGTCATATTTGAAGAATGTTTTGACTAAA
 CTTCAATTAATTATTCAGTTTTTAAAGGGAAAAAGGGCGTGAGCTCACACAGTGAGCTGT
 TTATTTAAATATCATTAAAGGAGAAAAAATATGGTGAAGCTCGCTCCTTTCAACTT
 GTTTGGTACTGACAGCTGATAGAAGCTATTTTCTAATAATAAACATCCAGTGTGAAAG
 AAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_178450

Insert Size: 1800 bp

OTI Disclaimer: 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 custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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. [More info](#)

OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_178450.2.
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:	<u>NM_178450.2</u> , <u>NP_848545.1</u>
RefSeq Size:	1816 bp
RefSeq ORF:	762 bp
Locus ID:	115123
UniProt ID:	<u>Q86UD3</u>
Cytogenetics:	5q23.2
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	This gene encodes a member of the membrane-associated RING-CH (MARCH) family. The encoded protein is an E3 ubiquitin-protein ligase that may be involved in regulation of the endosomal transport pathway. [provided by RefSeq, Mar 2013]