

Product datasheet for RC219988

MARCHF11 (NM_001102562) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MARCHF11 (NM_001102562) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	MARCHF11
Synonyms:	MARCH-XI; MARCH11; RNF226
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC219988 representing NM_001102562 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCTTTGAGGGCGGCCACGGCGGCAGTCGGTGTGCGGGGGCGGAGAGCGGGACGCCGAGCCTCCCC
CGCAACCTCCCCCGCCGCGCCGACCGCCGCGGGAGAGCCGGCCCGTCCCGCGCCCGCG
CTACCTGCCGCGCTGCCCGCTCCCCGAGACCCCGAGCGCGCGGGGCAAGCGAGCCGCTAGGG
GAGGTGGCCCCGGTGCAGGGGAGCGGACGAGCTGCCGCTCCGCCCTGCCCTGCAGCCCGCGGCC
AGGAAGTGGCGGGCGCCGCGACTCCGGGAAGTCCGAGCGCCTCCCGAGGCGGCAGCAGCAAAGG
CGCCCCGGGAGTCTGAGGCCGCGCGGGCGGCGAGCGGAGCGCGGGGCGCCGAGACCAGCCCGAG
ACGCGCTCGGTGTGACGACCCGACGACGAGCAGTGGCGGGCGGACCAGCGCGCTGGGACCAGCACC
AGCACCACGACCATCTGCAAGATCTGCTCCAGGGCGCGGAGCAGGGTGAAGTTGTAACCCCTGCCG
ATGTGATGGGTGAGTTCGGTATACACATCAGCTGTGCCTGCTAAAATGGATCAGTGAGAGAGGTTCTGG
ACCTGTGAACTTTGCTGTTATAGATACCATGTTATAGCCATTAATGAAACAACCTTCCAGTGGCAGA
GCATTTCTATAACTGGTTGAGAAAGTTCAGATGATTGCTGTAATCCTAGGATCCCTGTTCTTAATAGC
CAGTGTGACTTGGCTCCTCTGGTCAGCCTTCAGCCCTATGCAGTGTGGCAGAGGAAGACATCCTTTTT
CAGATCTGCTATGGAATGTATGGTTTTATGGATCAGTGTGATAGTCTCATTGTTTCATGAAGGAGCTG
CAGTTTACAGAGTGTAAAGCGCTGGCGAGCTGTGAATTTGCACTGGGATGTGTTAAATTAACAAAGC
CACAGACATCGAAGAAAGCAGCCGGGAGAGTCTTCCACAAGTAGGACTTTGTGGTTGCCATTGACAGCT
CTGCGGAACAGAACTTGGTCCACCCAACCTCAGTTAACCTCACCAAGGTTTCAGTGTGGCTATGTGTTAT
TGCACCTGTTCAATCGGATGAGGCCCATGAAGACTTATCAGAAGATAACAGCTCGGGGAGGTTGTGAT
GAGAGTACTTCAGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC219988 representing NM_001102562
Red=Cloning site Green=Tags(s)

MSFEGGHGGSRCRGAESGDAEPPPQPPPPPTPPPGEPAPVPAAPRYLPPLPASPETPERAAGPSEPLG
 EVAPRCRGADELPPPLPLQPAGQEVAAGDSGEGPRLPEAAAAKGGPGESEAGAGGERERRAGDQPE
 TRSVCSSRSSSSGGDQRAGHQHQHQPICKICFQGAEQGELLNPCRCDGSVRYTHQLCLLKWISERGSW
 TCELCYRYHVIAIKMKQPCQWQSIITLVEKVMIAVILGSLFLIASVTWLLWSAFSPYAVWQRKDILF
 QICYGMYGFMDLVCIGLIVHEGAAVYRVFKRWRAVNLHWDVNLNYDKATDIEESSRGESSTRTLWLPLTA
 LNRNRLVHPTQLTSPRFQCGYVLLHLFNRMRPHEDLSEDNSSGEVVMRVTSV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8020_d03.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001102562

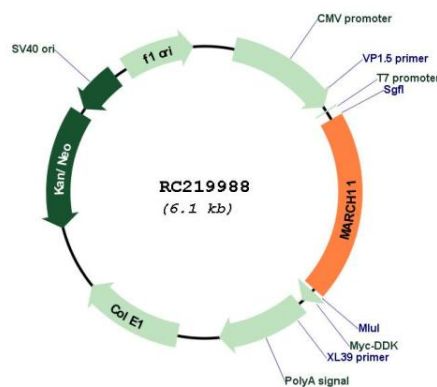
ORF Size: 1206 bp

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:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001102562.3
RefSeq Size:	1528 bp
RefSeq ORF:	1209 bp
Locus ID:	441061
UniProt ID:	A6NNE9
Cytogenetics:	5p15.1
MW:	43.7 kDa
Gene Summary:	MARCH11 is a member of the MARCH family of membrane-bound E3 ubiquitin ligases (EC 6.3.2.19). These enzymes add ubiquitin (see MIM 191339) to target lysines in substrate proteins, thereby signaling their intracellular transport. March11 appears to have a role in ubiquitin-mediated protein sorting in the trans-Golgi network (TGN)-multivesicular body (MVB) transport pathway (Morokuma et al., 2007 [PubMed 17604280]).[supplied by OMIM, Apr 2010]

Product images:



Circular map for RC219988