

Product datasheet for **SC106925**

MARVELD1 (NM_031484) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MARVELD1 (NM_031484) Human Untagged Clone
Tag:	Tag Free
Symbol:	MARVELD1
Synonyms:	bA548K23.8; GB14; MARVD1; MRVLC1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC106925 sequence for NM_031484 edited (data generated by NextGen Sequencing) ATGCTCCCGCGCCCCCGCGCCAGCCGCGCCGCGAGGCGCGTGCAGCCCCGCGCGCGGTG CGCCTGCAGCGGCCCTTCTGCGCAGCCGCTGGGGGTGTTGCGGCTGCTGCAGCTGCTG GCCGGCGCTGCCTTCTGGATCACTATCGCCACCAGCAAGTACCAGGGCCCCGTGCACTTC GCGCTCTTCGTGTCGCTGCTTCTGGCTGCTCACCTGGGCCTCTACTTCCTCACGCTG CTGGGCAAGCACGAGCTGGTCCCCGTGCTGGGCTCGCGCTGGCTCATGGTCAACGTGGCG CACGATGTGCTGGCGGCCGCGCTCTACGGCGCCGCCACCGGCATCATGAGCGACCAGATG CAGCGCCACAGCTACTGCAACCTCAAGGATTACCCGCTCCCTGCGCCTACCACGCCTTC CTGGCGGCCGCGCTCTGCGGCGGCGTCTGCCACGGCCTCTACCTGCTTTCGGCGCTCTAT GGCTGCGGGCGTCTGCTGCCAGGGCAAGCAGGAGGTGGCGTGA Clone variation with respect to NM_031484.3 33 c=>g;96 c=>g



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_031484 unedited NAAGTCTATCCCCGCCCGTTGCCGCATAGGGCGGTAGGCGTGTACGGTGGGAGGTCTAT ATAAGCAGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTGCAGCG GCCGGAATTCCGACAGAGGGAGAGAGGAAGAGAGGACTAAGAGGGGAGCAAGGCGAGG AGGCCGCGGGCGGCAGCGGCCACCTGGGCCGTGCTGCCCCCGCAGCAAGGCGCCGCC ATTCCGCTGCTCGGGGCGCCGCCGCCGCCACCAGCGCCAGGGGCCATGCTCCCGCCG CCCCCGCGCCAGCCGCCGCCAGGCGCGTGCAGCCCGCGCGCGGTGCGCCTGCAGCGG CCCTTCTGCGCAGCCCGCTGGGGGTGTTGCGGCTGCTGCAGCTGCTGGCCGCGCTGCC TTCTGGATCACTATCGCCACCAGCAAGTACCAGGGCCCCGTGCACTTCGCGCTCTTCGTG TCCGTGCTCTTCTGGCTGCTCACCCTGGGCCTCTACTTCTCACGCTGCTGGGCAAGCAC GAGCTGGTCCCCGTGCTGGGCTCGCGCTGGCTCATGGTCAACGTGGCGCACGATGTGCTG GCGGCCGCGCTCTACGGCGCCGCCACCGGCATCATGAGCGACCAGATGCAGCGCCACAGC TACTGCAACCTCAAGGATTACCCGCTCCCCTGCGCCTACCACGCCTTCTGGCGGCCGCC GTCTGCNGCGGCTGTGCCACGGCCTCTACCTGCTTTGCGCGCTCTATGGCTGCNGGCGT CGCTGCCAGGGCAAGCAGGAGGTGGCGTGAGGCCGCCCGCGCCCGCGGCCCGCCGATCG GGCGGGGGGATCCCCCGAGACAAGCCT
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_031484 unedited NGGTAATACTATGNACCGCGCCGATTCTANGATCGAGTTTTTTTTTTTTTTTTTCCAG NACAAACAACCAACTTTATCCAGAAAAGCTATTTGTAATCACCCTAAACAATGAGGCA CATCGGTCCCCTCTCCCAACCACCTCACTCTTCCCAACCCACTCTCTTTTGGCTT TTATAGAACACTGTAGAAATCCTTCTGAGTCTGCAATGGCCCCAGACTGGGATGGGA GCTGCCCAGAGTAGTCTTGGGCTGGACTGAGTCTGGTGGCCAGAGAGGGAGACCTATGC AACTGCCTCCAGTATCCAAAAGTTCTGGGGCAGGTGCGGTGGCCACCCCTATGGCACAG GGCCTTGAGGGAGGGTGAGTGTGGTGGCGGTCTTACGTGTTCTTCTCATACCTGGCAGAC AGAGTGAGCACAAGCCGCTGGAAGCCAAGCGGAAGGCACATCTAGAAGGGCAGTGAGCT CTGGAATGCTACAGGCACGTGTGGATGGATGAGGCTCCATGGCGGCCAAGGAGATATCTG CTCCTGAGTAAGGTACCTGACCACAGACAGCACCAGGGGCTGGGGGGCTAAGAAGGAGA TCTCGGAAGGATGGACCTGAGCTAAAGATGTAAGTATGATGGTGTCTGAAAAAAGGAAA AAAGAATAAACGCTGGAACCTCAATCCACTGTTTAGGGTACAGGAGTACACAGCTAAGTT CCAGGTATCCAGAATCTTGTGTCCAAATCATAGCACAAGGAGAACAGGNATTCTTTGAG TTAAGGCAAAATCATCCNACCCATCTGGGCTCTTCCAATGCATGGTTTGGAAAGGAAAG GGGCTGGCANAAATCATTCTTTNCCCCTCTTCCCTACTGGCAGTGAAGACTCTGAAAA GCTCTGCG
Restriction Sites:	NotI-NotI
ACCN:	NM_031484
Insert Size:	2750 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).
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_031484.1](#), [NP_113672.1](#)

RefSeq Size: 3243 bp

RefSeq ORF: 522 bp

Locus ID: 83742

UniProt ID: [Q9BSK0](#)

Cytogenetics: 10q24.2

Domains: MARVEL

Gene Summary: Microtubule-associated protein that exhibits cell cycle-dependent localization and can inhibit cell proliferation and migration.[UniProtKB/Swiss-Prot Function]