

Product datasheet for **SC333051**

MARVELD3 (NM_001271329) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MARVELD3 (NM_001271329) Human Untagged Clone
Tag: Tag Free
Symbol: MARVELD3
Synonyms: MARVD3; MRVLDC3
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC333051 representing NM_001271329.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGAAGATCCGTCGGGGGCTCGCGAGCCCCGGGCCCGGCGGAGAGAGCGGGACCCGGGACGGCGCCCC  
CACCCAGACCAAGGCCGCACCCACGATCGACCGGGACCCGACCCGGGGACCCGCGCAGGAAGCGAAGC  
AGCGACGGGAACCGCGAAGGGACGGGACCGGGACCCGGAGAGAGACCAGGAGAGGGACGGGAACCGC  
GACCGGAACCGGGACCGGAGAGGGAGAGAGAGAGGGAAAGAGACCCGGACCGAGGCCCCCGCGGGAC  
ACACACAGGGACCGGGCCCTCGCGAGTGAACCCCTTCGGAGAGATATCTGCCCTCGACCCCGAGGC  
CTGGACGAGAGGAGGTGGAATATTACCAGTCAGAGGCGGAAGGACTCCTGGAATGCCACAATGCAAAT  
ACTTGTGCACTGGGAGAGGTGTGGTGCAGATAG
```

Restriction Sites: SgfI-MluI
ACCN: NM_001271329
Insert Size: 447 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).



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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_001271329.1
RefSeq Size:	2110 bp
RefSeq ORF:	447 bp
Locus ID:	91862
UniProt ID:	Q96A59
Cytogenetics:	16q22.2
Protein Families:	Druggable Genome, Transmembrane
MW:	17.7 kDa
Gene Summary:	<p>As a component of tight junctions, plays a role in paracellular ion conductivity. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) uses an alternate splice site in the 5' coding region which results in a frameshift compared to variant 1. The resulting protein (isoform 3) is shorter and has a distinct C-terminus compared to isoform 1. There is no support for the protein predicted to be encoded by this variant.</p>