

Product datasheet for **SC100718**

FRMD6 (NM_152330) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	FRMD6
Synonyms:	C14orf31; c14_5320; EX1; Willin
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene ORF within SC100718 sequence for NM_152330 edited (data generated by NextGen Sequencing)

ATGAACAAATTGAATTTTCATAACAACAGAGTCATGCAAGACCGCCGAGTGTGTGCATT
 TTCCTTCCCAACGATGAATCTCTGAACATCATCATAAATGTTAAGATTCTGTGCACCAG
 TTGCTGGTCCAGGTTTGTGACCTGCTCAGGCTAAAGGACTGCCACCTCTTTGGACTCAGT
 GTTATACAAAATATGAACATGTGTATATGGAGTTGTCACAAAAGCTTTACAAATATTGT
 CCAAAAGAATGGAAGAAAGAGGCCAGCAAGGTATCGACCAATTTGGCCTCCTATGATC
 ATCCACTTCCGTGTGCAGTACTATGTGAAAAATGGCAGATTGATCAGTGACAGAGCAGCA
 AGATACTATTATTACTGGCACCTGAGAAAAACAAGTTCTTCATTCTCAGTGTGTGCTCCGA
 GAGGAGGCCTACTTCTCTGCTGGCAGCCTTTGCCCTGCAGGCTGATCTTGGGAACCTCAA
 AGGAATAAGCACTATGAAAAAATCTTCGAGCCAGAGGCTTACTTCCCCTCTTGGGTTGTT
 TCCAAGAGGGGGAAGGACTACATCCTGAAGCACATTCCAAACATGCACAAAGATCAGTTT
 GCACTAACAGCTTCCGAAGCTCATCTTAAATATATCAAAGAGGCTGTCCGACTGGATGAC
 GTCGCTGTTTACTACTACAGATTGTATAAGGATAAAAGGGAATTGAAGCATCGCTGACT
 CTTGGATTGACCATGAGGGGAATACAGATTTTTCAGAAATTTAGATGAAGAGAAACAATTA
 CTTTATGATTTCCCTGGACAAATGTTGAAAAATTGGTGTGTTGGGTAAGAAATTTGAG
 ATTTTGCCAGATGGCTTGCCTTCAGCCCGAAGCTCATATACTACACGGGTGCCCCATG
 CGCTCCAGACACCTCCTGCACTTCTGAGCAACAGCCACCGCTCTATATGAATCTGCAG
 CCTGTCTGCGCCATATCCGGAAGCTGGAGGAAACGAAGAGAAGAAGCAGTACCGGAA
 TCTTACATCAGTGACAACCTGGACCTCGACATGGACCAGCTGGAAAAACGGTCGCGGGCC
 AGCGGGAGCAGTGCAGGAGCATGAAACACAAGCGCCTGTCCCGTATTCCACCGCCAGC
 CACAGCAGTCCCACACCTCGGGCATTGAGGCAGACCAAGCCCCGGGACACAGGGCCA
 GAAGACAGCTACTCCAGCAGTGCCATCCACCGCAAGCTGAAAACCTGCAGCTCAATGACC
 AGTCATGGCAGCTCCCACACCTCAGGGGTGGAGAGTGGCGGCAAGACCGGCTGGAAGAG
 GACTTACAGGACGATGAAATAGAGATGTTGGTTGATGACCCCCGGGATCTGGAGCAGATG
 AATGAAGAGTCTCTGGAAGTCAGCCAGACATGTGCATCTACATCACAGAGGACATGCTC
 ATGTGCGGAAGCTGAATGGACACTCTGGGTTGATTGTGAAAGAAATGGGTCTTCCACC
 TCGAGCTCTTCAGAAACAGTTGTTAAGCTTCGTGGCCAGAGTACTGATTCTCTCCACAG
 ACTATATGTCGAAACCAAGACCTCCACTGATCGACACAGCTTGAGCCTCGATGACATC
 AGACTTTACCAGAAAGACTTCTGCGCATTGCAGGTCTGTGTCAGGACACTGCTCAGAGT
 TACACCTTTGGATGTGGCCATGAACTGGATGAGGAAGGCCTCTATTGCAACAGTTGCTTG
 GCCCAGCAGTGCATCAACATCCAAGATGCTTTTCCAGTCAAAAGAACCGACAAATACTTT
 TCTCTGGATCTCACTCATGATGAAGTTCAGAGTTTGTGTGTAA

Clone variation with respect to NM_152330.3
 864 t=>a;1194 g=>a

**5' Read Nucleotide
Sequence:**

>OriGene 5' read for NM_152330 unedited

NGGGGTTTCATATATTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGCCGGTA
 GGAAGAGTCAGAGGGGTGACCAGAGAGCCCAACGCCTGGTGCTCAAGACTTTCTCCGAGC
 TATGAAACCCACGTAGTCGAACACCGTGATGCTTCTCCTGCAGGGCGTGTGATGAGGAGG
 CGAGCTTGGCTTTGGAGTGCTGGGAACCTGAGGAATTGCCAAGGACCCAGAGCCAGCCC
 TGACCACCAGAGTGCCCAAAACACAATGAACAAATTGAATTTTCATAACAACAGAGTCAT
 GCAAGACCGCCGAGTGTGTGCATTTTCTTCCCAACGATGAATCTCTGAACATCATCAT
 AAATGTTAAGATTCTGTGTACCAAGTTGCTGGTCCAGGTTTGTGACCTGCTCAGGCTAAA
 GGACTGCCACCTCTTTGGACTCAGTGTATACAAAATATGAACATGTGTATATGGAGTT
 GTCACAAAAGCTTTACAAATATTGTCCAAAAGAAATGGAAGAAAGAGGCCAGCAAGGGTAT
 CGACCAATTTGGGCCTCCTATGATCATCCACTTCCGTGTGCAGTACTATGTGAAAAATGG
 CAGATTGATCAGTGACAGAGCAGCAAGATACTATTACTGGCACCTGAGAAAAACAAGT
 TCTTCACTTCTCAGTGTGTGCTCCGAGAGGAGGCCTACTTCTGCTGGCAGCCTTTGCCCT
 GCANGCTGATCTTGGGAACCTCAAAGGAATAAGCACTATGGAAAAATCTTCGAGCCAGA
 GGCTTACTTNCCATCTTGGGTTGTTTCCAAGAGGGGAAGGACTACATCCTGAAGCACATT
 CCAACATGCACAAAGATCAGTTTGCACTAACAGCTTCCGAAGCTCATTTTAATATATCA
 AC

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_152330 unedited <pre> NTTTCGGTACAGCTATGNNACCGCGGCCGCATNCTANGATCGAGTTTTTTTTTTTTTTTT TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAAAACAATTTCCAAATCCAA AACAGGGTTTATTCAAGGGGGATTTTTCCTATCCATATTTTAATTCTGCTGCAACGGG GGATCAAAAAGCAAAAGTGTTTTAACATGGTTCATCTTTGAAAACCCCTAAAACTTTTC ATAAATCCAATTAAAAAAACATGGGCAAAACCCCAACATGGTCGGCAAAACCCCAAAA ATTTGATTTTGGTTGAAGTAAAAAATAAACTTAAGGCCGTCCCGTTTACAGAAAT AAAAAAGGTTTTTCTTTATCTTTCTTTCTAAAAAAGGGCTTTTTTAAAGGTTTGCAA AAACTCTAAGGGCTAAGGAAATGCCCTGCATTATGATCTGGGCTCCTTAAAGTACAAACC TCCCCAGGCTTAAGCATCATCCATAAAAAAGGGGGGATTACTTAAGGCCTTATAAGTAA ACAGCCCTTAAAGGATCCTTTCAAACCTTTAACCCCTTATGCAGAGACGGGGATCCTTCC ATACCTTCCAATTTGCGCAACTTTGGTTCTATTAAAGTTTTTGATAAAAGCAAAACATTT TTGGGACCCCAAGACTCTATGGAACCTTTTTTCTTTTAAAGGGTCCGGTGAACCTCCCG TGATAAGGCAAGGTTGCCTACCCATCCGGGACCCCGCAAGGGGGGACGCCAAACGGG GCATGTTCCAGTCCCCATTTGTTGTATAAACTGCCCCCAACCCGGGTAACACTGGG TTATGTTCCCTGGCCCCACATCTTATTTGGTACCGGAAACCTAATTTTG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_152330
Insert Size:	4700 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_152330.2</u> , <u>NP_689543.1</u>
RefSeq Size:	4516 bp
RefSeq ORF:	1845 bp
Locus ID:	122786
UniProt ID:	<u>Q96NE9</u>

Cytogenetics: 14q22.1

Domains: B41