

Product datasheet for **SC307580**

FRMD7 (NM_194277) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FRMD7 (NM_194277) Human Untagged Clone
Tag:	Tag Free
Symbol:	FRMD7
Synonyms:	NYS; NYS1; XIPAN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC307580 representing NM_194277.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTACATTTAAAGTGCAGTTTTTGGATGATCCCAGAAGATTTTGTGGTTGATCAAAAGTCATCC
GGGAAGGCATTGTTTAACTGAGTTGCAGCCATCTAAATCTTGCTGAAAAGGAATATTTTGGATTAGAA
TTCTGCAGCCATTCTGGAATAATGTTTGGCTGGAGCTTTTGAAGCCATAACAAAGCAGGTAAAAAAT
CCTAAGGAGATTGTTTCAAATTTATGGTGAAATTTTCCAGTGAGCCCTGGACATCTGCGGGAAGAA
CTTACAAGGTATCTTTTACTCTTCAAATAAAGAAGGATTTGGCTCTAGGAAGGCTTCCATGCAGTGAC
AACTGTACAGCGTTGATGGTATCTCACATCTTACAATCAGAACTTGAGACTTTTCATGAAGAAACAGAT
AGGAAGCATCTGGCACAACTCGGTACTTACCAAAACCAAGACTGTTTAGAGGGCAAGATCATGCACTTT
CATCAGAAGCACATTGGCAGGAGCCAGCTGAATCTGACATTCTGCTACTGGACATAGCAAGGAAGCTG
GATATGTATGGCATCAGGCCTCACCCGCCAGTGATGGTGAAGGGATGCAGATTCACCTGGCTGTTGCT
CACATGGGAGTACTGGTGTACGGGGAATAACAAAGATCAATACTTTTAACTGGGCTAAAATCCGAAG
TTGAGTTTTAAGAGAAAGCATTTTCTCATCAAACTTCATGCCAATATCTTGGTGTGTGCAAGGATACC
TTGGAGTTCACCATGGCCAGCCGAGATGCCTGCAAGGCTTTCTGGAAGACTTGTGTGGAATACCATGCT
TTCTTCAGGCTTTTCGGAAGAGCCCAATCAAAGCCCAAAACCCTACTCTGCAGCAAGGGTTCCAGTTTC
CGCTATAGTGGACGAACCCAAAGGCAACTTTTGAATATGGGAGAAAAGGGAGGCTGAAGAGCTTGCCA
TTTGAAAGGAAACATTACCCATCTCAGTACCATGAACGACAGTGCAGGTCTCACCAGACCTCCTCTCT
GATGTGTCAAAACAAGTGAAGATTTGAGACTAGCATATGGTGGTGGCTACTACCAAAATGTGAATGGA
GTGCACGCATCTGAGCCAGTCTGGAGAGTAGGAGGAGGAATTCGCATTGGAGGTGACATTTGCAACT
GAGCTGGAGCATTCCAAACCAGAGCGGATCCACATTGCTACATCAGTCCCAAGCAGTTCTCTTTTC
CCTTTTATTTATATGGACCCTGTCTTTAACACTGAGCCCAATCCTAACCTGATCCAGAGACATTTT
TCAGAGAGGAGTTCTCTAAGCTCTTCCAAACAAGCTGTAAGTTTTCTGTAATCACATGAGCATATAT
TCTGGCCTCACAAGCAAAGTGCGTCCAGCAAAGCAGCTAACTTACACGGATGTGCCCTATATTCCTGT
ACAGGTGACGAGTTGGTATTATGCCTCCCAGGTCTTTTTTATGTGGACAAGCCACCCAGGTGCC
AGATGGTCCCAATTAGAGCAGAGGAAAGGACAAGTCCACATAGCTATGTAGAGCCCACTGCAATGAAG
CCAGCTGAAAGAAGCCCAAGGAATATCAGAATGAAGAGCTTTAGCAAGACCTGCAAGTACTCCAAGAA
GCTATAGCCAGGACTAGCGGTAGGAGCAACATCAATGTAGGTCTAGAAGAGGAAGACCCAAATTTGAA
GATGCATTTGTATGTAACTTCAAGAGCAAACCCCTAAAAGGTCCAGAGCCAATCAGACATGAAAAT
ATTCGTTTTCTTTTGGGTGAGATTTAGACCTTTAGGGCCTTGCTGCTCTCAGTCATAAAGCAGAC
CTGTTTACGGATATGTTTGCAGAGCAGGAGTTGCCAGCAGTTCTAATGGATCAAAGTACAGCAGAAAGG
TATGTAGCTAGTGAATCCAGTGATTCTGAATCAGAGATTCTTAAACCAGACTACTATGCTTTGTATGGC
AAAGAAATAAGGTACCCATGGCCAGAATCCGCCTGTCTTCTGGTAGTCTACAGTTAGATGAAGAAGAT
GAAGATGCTTATTTCAACACACCAACTGCTGAAGACAGGACTTCACTAAAACCATGTAATTACTTTTTA
GCTTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCCCGC
```

Restriction Sites: SgfI-MluI
ACCN: NM_194277
Insert Size: 2145 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).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_194277.2</u>
RefSeq Size:	3227 bp
RefSeq ORF:	2145 bp
Locus ID:	90167
UniProt ID:	<u>Q6ZUT3</u>
Cytogenetics:	Xq26.2
MW:	81.6 kDa
Gene Summary:	Mutations in this gene are associated with X-linked congenital nystagmus. [provided by RefSeq, Dec 2008] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).