

Product datasheet for **MC220633**

Frmd7 (NM_001190332) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Frmd7 (NM_001190332) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Frmd7
Synonyms:	EG665849; Gm1533
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220633 representing NM_001190332
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTCCATTTAAAAGTGCAGTTTTTGGATGATCCAGAAAGATTTTTGTGGTTGATCAAAAATCATCTG
 GAAAGGCGCTCTCAACCTGAGCTGCGGCCATCTCAATCTTGCTGAAAAGGAATATTTGGACTAGAATT
 CTGCAGCCATTCTGAAAATAATGTTTGGTTGAACTTCTGAAGCCATAACGAAGCAAGTCAAAAATCCT
 AAGGAGTTGTTTTCAAATTTATGGTGAATTTTTCCAGTGGACCCCGACATCTCGGGAAGAACTCA
 CAAGGTATCTTTTACTCTTCAAATAAAGAAGGATTTGGCTCTGGGAAGGCTTCCATGCAGTGACAACTG
 CACAGCTTTAATGGTGTGCGACATCTTACAGTCAGAATTAGGAGACTTCCATGAAGAAACAGTTAGGAAA
 CATCTGGTGCAACACAGTACTTACCAAGCCAAGCCAGTTAGAGAGCAAGATCATGCAATTTTCATCAGC
 AGCACATAGGCCGAGCCAGCTGAATCAGACATCTGCTACTGGACATAGCAAGGAAGCTGGATATGTA
 TGGCATCAGACCCGAGCCCGCCAGTGATGGTGAAGGGATGCAGATTCACCTGGCTGTTGCTCACATGGGA
 GTATTGGTGTACGGGAAACACAAAGATTAACACCTTCAACTGGGCTAAGATTCGCAAGCTGAGTTTTA
 AGAGAAAGCATTTTCTCATCAAACCTTATGCTAATATTTTGGTGTGTGCAAAGACACTTTGGAGTTCAC
 CATGGCCAGCCGAGATGCATGCAAGGCTTTCTGGAAGACTTGCCTAGAGTACCATGCTTTCTCAGGCTC
 TCCGAAGAGCCAAATCAAAGCCAAAACACTACTCTGTAGCAAAGGTTCCAGTTTCCGCTACAGTGGAA
 GAACTCAAAGGCAACTTTTGAATACGGGAAAAAGGGGAGATTAAGAGCCTGCCGTTTGAAGGAAACA
 GTACCCATCTCAGTATCATGAACGGCAGTGCAGATCATCACCAGACATCTCTCTGATGTGTCAAACAA
 GTGGAAGATCTGAGACTGACATATGGCAGCAGCTACTACCGAAATGTCAATGGGGTGCATGCATCTGAGT
 CTATGCTAGACAGTAGGAGGAGAACTCTGCAGTTGAAGTGACCTTTGCAGCCGAGCTGGAGCATTTAA
 ACCGGAGGCAGAGGCCACATCGCTCCACCATCCCAAAGCAGTTCTCCTTTCACCTTCATTTATGCAGAT
 CCTGTCTTTAACACTGACCCTGAGCCCATAGAGTCTTTGAGGAGCGGAGTCTCTAAGCTCCTTCCAAA
 CAACCTCCAAGTTTGGGATAGTCACACAAGCAAAGCGAGTCCAGCAAGGCAGCTAACATACACCGATGT
 ACCCTATATTCCTGTACTAGTCAGAAGTTGATATTATGCCTCCCAAGTCTTTTTTTATGTGGACAAG
 CCACCCAGGTACCCAGACGGTCTCTGATCATGGCAGAGGAAAATATGAGACCAGACAGCTATGTAGATC
 ATAGTGAATAAAAACAGCTAAAAGGAGCCCAAGGAATATGAGGATAAAAAGCTTACAGCAAGACCTTCA
 AGAACTCCAAGAAGCTATGGCTAGAAGTGTGGAAGCAATATCAATGTAGAGCCAGAGGAGGAAGAT
 CCACATTTAGATGATGATTTGCATATAACCTTCAAGAGCAAACCTCTAAACGATCTCAAAGCCAATCAG
 ACATGAAAATATCCGTTTTCTTTGGGTGAGATTTAGACCTTAGGACCATGCTCTGCTCTGACTCG
 TAAAACCGATCTGTTTGCATGTACGTTTGCAGAGCAGGAGTTCCCAACAGTCTAATAGATCAGAGCTCA
 GCAGAAAGGTATGTAGCTAGTGAGTCCAGTGATTCAGAATCAGAAATTATTAACAGACTACTATTTTT
 TGTATGGCAAAGGAACAAAGTCAACCCAGGGCCGAATCCGCTTGTGCTGCTGGTAGTCTGCAGCTAGAAGA
 AGAGGATGAAACTATTTCTTTTGGCAGCCAGGCGCTGAAGATAGGACTTTGCTAAAGCCATGCAATTAT
 TTCTTAGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001190332
Insert Size: 2112 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:	<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:	<u>NM_001190332.1</u> , <u>NP_001177261.1</u>
RefSeq Size:	4647 bp
RefSeq ORF:	2112 bp
Locus ID:	385354
UniProt ID:	<u>A2AD83</u>
Cytogenetics:	X A5
Gene Summary:	Plays a role in neurite development, may be through the activation of the GTPase RAC1. Plays a role in the control of eye movement and gaze stability.[UniProtKB/Swiss-Prot Function]