

Product datasheet for **MC201906**

Fmod (NM_021355) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fmod (NM_021355) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fmod
Synonyms:	A1131919; AU041740; FM; SLRR2E
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC064779 sequence for NM_021355
 CAGACAGAAGGACGTGGTCACTCTGAACAGTTCAACCCAAGAGACAAAAATGCAGTGGGCCTCCGTCCCTG
 CTGCTGGCTGGGCTCTGCTCACTTTCCAGGGCCAGTATGATGAAGACTCTCACTGGTGGATCCAATACC
 TCCGAAACCAGCAGTCCACCTACTACGACCCTATGACCCCTACCCTATGAGCCCTCTGAGCCTTACCC
 CTATGGAGTGAAGAAGGCCAGCCTATGCCTATGGTGCACCACCTCCACCAGAGCCCCGTATTGTCCC
 CAAGAATGCGACTGTCCCCCAACTTCCCACAGCCATGACTGTGACAACCGCAACCTCAAGTACCTGC
 CTTTTGTGCCCTCCCGCATGAAGTACGTACTTCCAGAACAACCAGATCTCTGCCATCCAGGAAGGTGT
 CTTTGACAATGCCACTGGGCTCCTCTGGTCTGCTACATGGCAACCAGATTACCAGTGACAAGGTAGGC
 AGGAAAGTCTTCTCCAAGCTGAGCACTTGAGAGGCTGACTTGGACCACAACAACCTGACCCGGATGC
 CCGGCCGCTGCCCGATCCCTGAGAGACTCCACCTGGACCACAACCAGATCTCACGGTCCCCAACAA
 TGCTTTGGAGGGCTGGAGAACCACAGCCCTTATCTCCACCACAATGAGATCCAGGAAGTGGGGAGT
 TCCATGAGAGGCCTCCGGTCCCTGATCCTACTAGACCTGAGTTATAACCACCTTCGGAGGGTACCCGACG
 GTCTGCCCTCAGCCCTGGAGCAGCTGTACCTAGAACAACAATGTCTACACCGTCCCTGACAGCTACTT
 CCGGGGGTCAACCAAGCTGCTGTACGTCGGTTGTCTCACAACAGTCTACTAACAACGGCCTTGTACTC
 AACACCTCAACTCCAGCAGCCTTCTTGAGCTAGACTTGTCTTACAATCAGCTGCAGAAGATCCCTCCTG
 TCAACCAACACTGGAGAATCTTACCTCCAGGGCAACAGGATCAATGAGTTCTCCATCAGCAGCTTCTG
 CACGGTGGTGGACGTCATGAACCTTCTCCAAGCTGCAGGTGCTACGCTGGATGGGAACGAGATCAAGCGC
 AGCGCAATGCCGGTGGACGCCCACTCTGCCTGCGCCTCGCCAACCTCATCGAGATCTGAGGGGCTCGC
 CTTGGGCTCCTGGCTCCGGGCTCCGAGTACCGTGCACCGTGCACCGGGCTCGGGGTACATGCCCTGCCAC
 CCCGCTGCATGTTTGGCTTTTGTGGATGGTCTGGGACACGCATGTGACAGAAGTCCACAGGATCTTATT
 CAATCTCCTTCCAACAGGCAGAGTTAGGTGGGATCAGGGGCCAGGCCAGTTTCTGCAGGGGGATGAATTT
 GGTGGTAAAAGAAATATAGCTATAGAGTCTAGCCCCAAAATCTTCTTGTGGACAGTAGCATATAACCA
 GTTCCAATTTGACCTTTTTGAGCTGTGCTCAACAGCATGGCCAGCTGCTTCTGCAGTTGCTCTGGGCTC
 CTGCTCTTTGCTCCTCAAACATCACAACACACCTCTTGCCAGTCACCTCCTCCAGCCCCAGCTCACC
 CTCTCTGCCCTCTTCACTGGGGCTCTTCTAATGTCTTAGGCAGTCAGGAGACACCCACACCTAAGGG
 CACACTCTTATCTGAGGCTAAACGGATGGCTAAAATCACACACTTACCCCACTCACCTGTTTAAAGTC
 ACCATATTGAACACCATAATGATGAGCTGTTAACATAGGGGATAACCGACTCTATAATGGAGGATCTATC
 AGAGGAGGGAAGTGTCCAGTGGTCATTATCAGTATCCATAGTAAGATGGGGAAGAGACACACCTCAGGAT
 AGCAGAAGTGAAGGGGCAAGCCCTTTCCAGTTTCTGACACAACATGATCTGCACCCCTTCTTGGGC
 TTTTAGTATCGAAGGGGCAAGCGTGGTTTTCAAACATGAGAAAGAGCCTCTGCTCATCCTTTGGTCTAG
 TATGAAGGGTTGTACGCAAATGGCAGAGGCAGACTCCACCCGCGAGGACTACCCACTAACCCAGACT
 AGGGGGTATCTCAATAGCTCGTTTGTCCATAATGCTAGAGCATCAGGAACCAGCCCTGTGGAGATGCTC
 ACTGGGGTGAAGAAGCCCTGCCAGGCCAAGTCTGCCGACACTAGACCTGGCTTCTCTGCATTACACA
 CTATGCAGTCCGCCTTATGCCAGTGGTGCCTGTGATTTGTAGTTTGTCTAAGAACAGCCCCATCTTCTC
 CTTTTTAAAGGTGATATTGCCTAGGTACAACCAACAGCTTCTTCTAGACCCCACTGGGATAGAGCCACCA
 GGGTAGCGAGTGGCAAGAAGCAGTTGTAAGATGCTAGCCTGAGGTGGTCCCTGCCTTAGACCCCTGACT
 CTGTGTCACTTTGGAGCAAGCTTCTCTGGAAGGACAGGGTGGGGCGGGTGTCTAGACTGTGCTACGG
 GTTCCAGAAGTCAATCCAAAAAGCCAAACAGCTTGTTCACCCGGGAGTCCACCTGCGGAGCAAG
 GCTGCCCTGGCCAGGGTTCTTGGGAAGCACCTGCATGTATCACCATCCTGCCTCTGAAGAGCCCTCAGCA
 TGAAGCAAGCATGAATGGCGGCCAACCTAACCAATAAAGTTATTTTATAAGTGCAAAAAAAAAAAAAAAAAA AAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_021355
Insert Size: 1131 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:	BC064779 , AAH64779
RefSeq Size:	2741 bp
RefSeq ORF:	1131 bp
Locus ID:	14264
UniProt ID:	P50608
Cytogenetics:	1 58.09 cM
Gene Summary:	Affects the rate of fibrils formation. May have a primary role in collagen fibrillogenesis. [UniProtKB/Swiss-Prot Function]