

Product datasheet for **MC222449**

Fam171a1 (NM_001081161) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam171a1 (NM_001081161) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam171a1
Synonyms:	9630050M13Rik; AA409679
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC222449 representing NM_001081161
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCAAGTCCGCTGCGCTGCTGCTGCTGCTGCTGCTGCCAGTCTTGGAAAGGCAGTACCAACAGACG
TGCAGGAGCCCCGGCGGGAGCCCAAGAGGTGACCTTGAAGGTGCACATTAGTGACGCCAGACCCACCA
GCCCATCGCAGATGCGCTCATTGAGATCTTCGCCAGCCAGGTGTCTGTTGCCTCTGGCACATCTGGCACA
GATGGGGTTTGCTTTCATCAAGTCCCATAACAAGCTTGGAAATCAGCTGATTGTCACTGCCACAAAACAGG
CCTACGTGCCAAACTCTGCCCCGTGGAAGCCCATCCGATTACCGGTGTTTTCTCTACTGAGCCTTGGCCT
GCTTCTCTGAACGCTCCGCTACGCTGATGGTCTATGAAGATGTCGTCCAATAGTCTCAGGATTCCAAGGT
GCCCCGCCACAGCCTCGAGTTCATTTCCAGAGAAGGGCCTTGAGGTTGCCGGAGAACACCAGCTACAGCG
ACCTAACAGCGTTCTCTACTGCGGCCAGCTCCCCATCAGAAGTGGACAGCTTCCCTTACTTGCGAGGAT
GGATGGAACCGGACAGGAAACAGCACCAGGTATGACTTGACTCCTGTCACAGCCGTACGCGTGCACCTTG
CTCAGCGGTAAATGGGATGCCGGTGTCTGGTGGACGGACCCATCTATGTCAGTGTGCCCTTGCCACTCAGA
GCAGTCTGAGGCACAATGCCTATGTGCGCAGCATGGCGGTTTGACCAGAAGCTGGGAACGTGGCTGAAGAG
TGGTCTGGGCCCTGGTGCACCAGGAAGGCAGTCAGCTCAGTGGACGTACATTGCTCCCCAGCTGGGGTAC
TGGGTGGCAGCCATGTCTCCCCCATCCCAGTCCCGTTATGACACAGGACATTACCACGTATCACACGG
TGTTTTCTTTTGGCAATTTTAGGAGGAATGGCTTTCATTCTTTTGGTTTTGCTGTCTCTCTTTTATTA
TTTCAGGAGGAAGTGCTTTGAAACCCCGCCAGCATCACAGAAAGCTGCAACTGCCCCAGCTCTGGAGAGC
TCCAAGAGGGATCAGGCAACATCCATGTCTCACATCAACTTGCTGTTTTCTCGACAGCATCAGATTATC
CTGGGCCTCTGTCTGTCTCCAGCCATAGCCGCCAGAGGCCAGGGACAAGGAGTTGATGGGCGGGGT
GCATTTAGAAATGATGTCCCCAAAGGGAGGGGACCTGCACACCCCATGCTGAAGCTCTCCTATAGT
ACCTCACAAGAATTTAGCTCCCGGGAGGAGCTGCTGTCCACAAAGAAGAGGATAAAAGCCAAACATCTT
TTGATAACTTAACGCCAAGTGGGACACTGGGGAAGACTACCATAAGTCTGTGGAGATTTTTCCCTTAA
GGCAAGAAAATCTATGGAAGAAAGAACTACGAGGCCCTGGCAATGATGACTACAGAGGTAGTTACAAT
ACCGTGCTCTCCAGTCTTTGTTTGAAGCAAGATCAAGAAGGCTGGCATCAGCAGGAAGCAAACCTCA
CTATTCAGGAACACATGTACCATGTACCTTTATCGCTGAGAAAGAGCAACTGCTGGACCGCAGACCGAC
TGAATGTATGATGTCACGATCTGTGATCACCTGGAGAGACCTACTTCTTCCCGAGGCCAGGCCAGTTG
ATCTGCTGTAGTTCTGTGGACCAAGTCAATGACAGCGTTTACAGGAAAGTATTGCCTGCCTTGGTCATT
CAGCTCATTATATGAAACTTCCAGGGGACCACTCGTATGTGAGCCAGCCTCTGGTGGTCCCGGCTGACCA
GCAGCTGGAATAGGAAGGCTCCAGGCCGAGCTGTCCAACCCCCATGCAGGGATCTTCCCACACCCATCC
TCTCAGATCCAAGGCCAGCCTTTGTCTTCCAGGCTATCTCTCAGCAGCACCTACAGGAAGCAGGTGCAC
GGGAGTGGAGCTCTCAGAGTGCATCCATGTGAGAGTCACTGTCTATCCCTGCATCCCTGAATGATGCAGC
TTTGGCTCAAATGAACAGCGAGGTGCAGCTCCTCACCAGAAAGGCACTGATGGAACCTGGGGGTGGAAG
CCACTTCCACACCCCTCGGGCATGGTTTGTCTCCCTAGATGGAAGGTCCAACGCTCACGTTAGACACTCAT
ACATTGATCTCCAAAGAGCTGGAAGGAACGGAAGTAATGATGCCAGTTTGGACTCTGGTGTGGATATGAA
TGAACCAAAATCTGCCCGGAAGGGAAGGGGAGACCTTTGTCTCTCCAGCAGAGCCACACACCTCTGCAG
GAGCACCAGCAAAAAGATCCAGAGCTCCCAGCAGCATGCCTGCACGACGCTCTGTACCTTGAGGACA
TGGACCCGAGCGGCAGTGAGTGTGTCAGCCAGCGTCTGCACCCCGAGGACAGTGCATCGATGCTGTGTT
GGAAGGTCAGTGTGCGGAGAGTGGCGGGCAGCTGCCAGCCTGCAGGAAGAGACAACCAACGAACCTTCA
GACGTTCCCCTGGAGCCATTAGCCAGTCCCAACCAGAGAAGATCCGCCAATGATGAAGATGAAGATGACG
ATGACGATGACGATGACCAAGGAGAAGATAAGAAAAGCCCTGGCAGAAACGAGAGGAAAGGCCCTTGAT
GGCCTTCAACATCAAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001081161

Insert Size:	2679 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_001081161.1, NP_001074630.1</u>
RefSeq Size:	4146 bp
RefSeq ORF:	2679 bp
Locus ID:	269233
Cytogenetics:	2 A1