

Product datasheet for **MC221405**

Fam71e2 (NM_172895) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Fam71e2
Synonyms:	4930401F20Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC221405 representing NM_172895
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCACCCGCTGTTATGAGGCGGCTGTGGCGCTTTTTTTCCCTCCGCCTCCCCGGAGCCTCCGAAGT
 GGGTTCCCATCCTTGGAGAGATGCAGAAGACCCTTCAGATGGCCGAATACCTGCCCTCCGCCCGCTGCC
 CATGTTTCGAGAGTAACCTTACCAGGTAACCAACAATGGGACTCCTGCGTTATTACACAACAAATCCAAC
 AAGCTGACTATGGGTGTCGACGATCCTTGCCTGGCCTAATGCTGCCTGACATTCTGTTGATTGCTCGGC
 CCCCCGAGGACGAGGAGTGCTCCAGTCTCATCTAACCAAGGATGATCCCACTAGACCTTGCCCGCTGTA
 TGTCTGATGATCTGCCACCTGGCGACTGAAACTGCGTCTGAGATCCGGCCGTATTATTTCTGGCACTG
 GATGCCCTGAACATGAGCTGGCCTTTCTGTTTACCCTGGATTGCGCTCATCAACATGCTTCGAGGGC
 CTAAATTATCCAAGACACAAAAACAGAACCTCCGTGCTGGAAATACCCCAAGTCACTCTTGCCTC
 CACTTGGCACTTTAGGTCCAGTCTCAAGGCAAACTTACAGTTGAAGTTGCTGATCCACCTTTCTTTCG
 AAAATTCTCTTCTCATAAACCAAGACCAAGATGAAGCTGACCAAGCCAATCAAGCACTCGCTCAGGT
 CTCAGGCTGTGGGTGACTCTGTGCCTCTCATCTGGTCACAACTGCAATCTTCTGAGGATCAGATGCAAGT
 CAAAAAACCAAGTCTATCCACATGCCTGCTCTGATAGATCCGAACCTTAATCCATGTTTCTGACAAG
 GCCAGCATCACCATCCGACCATCTTCAGCATCATCTTAACACGATAAACCAAGGCCACAAATCTGATT
 CTGAGGAAGACACAAGCCAGGGTCTGCTAATGGAACTCCTTCAAAGTGCTTTCTCAGAACAGCACTGG
 TTTTCTGTACGGTTTCTCTAATCAACTGGACACCCTCCTGTGGGCACAAAACCTTGAAGATCTCATG
 AATCCTGAATATGCCACACTGTCTTCTTGAACACATCTCACCTCCTGCCTTCTACATCTTCTCTCCA
 ATCCCTCCTTTCTGAAGTCAAAGACAAGGCCAGACCCACAGGCTCAAAGAAACACGTGAGGCCACTGTC
 TTCCCAACAAGCTGCATGTGTCCCATCGAATCGAGGAAAAAGCCATTCAATTTGGACCAGTCTAACAAG
 GTACCGGCTAAGCTGTCTCAGCTCAGATGGCCTCAGCCCTTCCCACTCCGTCTCGGAAGACCCGACTG
 CACTGTGGTCAAGAGGGAAGGCTTCAGGTGCATTGGCCATTTCTTAAAGTCTCAGCCTTCTGTTTCCCA
 GAAGACCCCAACCCCTGGGCAGCCCTTGAAGCCCCAAGTTATAACTACCCCAACCCAGAAAACTTTA
 ACACCGAATCAGAAGCTTCTACAAGCACCTGCACATTCCAGAAAAGCCATGCACACCAAAAAGGACCATC
 TAATTGTAATATCCGGTCTCAGAAGGATCCAATGCCCGTACCAGAAAGCTCTCAACTCCCGGGCAAA
 GGCTCTGGGGATCCAGGACATTACAGGGAGGAGGCGTGCTTGAGAGAAAGACTGAAGGGAACAGGAA
 CCTGTGCTGTTAGTGGGAGGCGAGAATACAACAGTGGTAGATGTGAGGGCCAGACCATGCCCTGCATC
 TGCCCTTTGCCACTACCAAGAAGCAGTCCAAGGAGATCTTGATTAGCGAAACCAAGAGGCTTGAGAGG
 CAGGGAAGGTTAGAAGACTGTGCCACAAGATGAAGGAGACAAGTGTGAAGTTCGCCAATCTAAAGTCC
 AAGGAGACAGAGATGCAGAAGAGGGTCTTGACCGAGGAGATAGCTGTTGAGAACCCCTACACAGAGGACA
 ATAGGCCTTTCTCTGCAGAGGGGCTCGCCCTTGCCAAGATGAAGATCATGGCCAACCTCAACACCCAGCG
 ACTGAAGCCAGCTACTATCTCTCTGCCTCCTCATTCTCTGTGGCTTCCAATGTGTCTTCCATGTTGGCC
 AATTTGCCCTTTGACACCAGCCAGACAACCTTTTCAGATGGATCACAAGTAGTAGTCATAGAACAATCAG
 GGTCTGTACTAAAGTGAACACGGAGAACACACGCACAGATGGAGAGGAAGCCTGCAGAGGACTTGCC
 AGTAAGCAGCAACCAAGGATTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_172895

Insert Size:

2265 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_172895.3</u> , <u>NP_766483.3</u>
RefSeq Size:	2687 bp
RefSeq ORF:	2265 bp
Locus ID:	243822
Cytogenetics:	7 A1