

## Product datasheet for **MC221890**

### **Fam171a2 (NM\_199200) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fam171a2 (NM_199200) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam171a2
Synonyms:	RP23-226P4.5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221890 representing NM\_199200  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCCCGCCGAGTGGCCCCGGCTCCTCGCGGGCTGCTGCCGCTGCTGGGGTCTGCTCGCGGGC  
 CCTCCCGGGCTCCCGCAAGTCTCCGCGGAGCCCCAGCCCGCAGGAGATCCTGATCAAGGTACAGGT  
 ATATGTGAGCGGGGAGCTGGTGCCTCGCCAGGGCCTCAGTAGACGTCTTTGGGAACCGCACTCTTCTG  
 GCTGCTGGTACTACGGACTCAGAGGGCGTGGCCACACTACCCCTCAGTTACCGCCTGGGTACCTGGGTCT  
 TGGTCACTGCTGCCCGCCCCGGTTTCTCACAACTCAGTGCCCTGGCGTGTGACAAGCTGCCGTTGTA  
 CGCATCCGTACGCTCTACCTGCTCCAGAGAGGCCAGCCACCCTCATCTCTATGAGGACCTTGTGCAC  
 ATCCTCCTAGGCTCGCCAGGTGCCCGCTCCAGCCCTGGGTGCAGTTCAGCGTAGAGCTGCCCGCCTGC  
 CTGTCAGTTCCACCTACAGCCAGCTTTGGGCTTCGCTCACACCGCCAGCACCCAGCAGGAAATGCGGGC  
 TTTCCCTGCCTTCTGGGACCGAGGCCCTCCAGCTCAGGCAATGGCTCCTGGCTGGAGCTGATACCACTG  
 GCTGCTGTGAGCGTCCACCTGCTAACAGGCAATGGGACAGAGGTGCCTCTCTCAGGCCCAATCACCTGT  
 CCCTGCCAGTGCCTCAGAGCCTCGTGCCCTTGCTGTGGGACCAAGCATTCCAGCCTGGAGTTTGACCC  
 CAAGAGTGGACTGTGGGTACGAAATGGCACTGGTGTGATTGCGAAGGAAGGCCGACAGCTCTACTGGACT  
 TTTGTCTCCCGCAGCTAGGGTACTGGGTAGTGCATGGCCTCCCTACATCTGGGCTGGTTACCATCA  
 CCTCAGGCATTACAGGACATTGGCACCTACCACACAATCTTCTGCTGACGATCCTGGCTGCCCTGGCGCT  
 GCTGGTGTCTATTCTGCTGTGTCTACTGATCTACTACTGCAGAAGACGCTGCTTGAAGCCTAGACAAAG  
 CACCGCAAGTGCAGCTCTCCGCCCCCTCGGACAACAACGAGATCAGGCTACGTCGATGTCTCAACTCC  
 ATCTCATCTCGGGGGACCCCTGGAGCCTACGTGCTCGGGAGACCCCGAGGCCCTCCCAAGCTCCCT  
 ACACCTCGGCTTCTCCAGCTCCCGAGACTTAGCATCCTCGCGGGATGACTTCTTCCGTGCCAAACCGCGC  
 TCCGCCAGCCGACCGGCCGCGAGCCTCCTGGTGCCCGCACCGTTGAGGGTGCCGGGCTCAAGAGCGCC  
 GCTCCGTGAGGGTCTGGCGGGCTGGAGCCAGCCTGGACGAATACCGCGGGGTCCAGCCGGGGCCG  
 GGCCTTCTGCATGAGCCTCCCTCGCCGCGCCATCCTTCGACCATTATCTGGGCCACAAGGGGGCGGCC  
 GAGAGCAAGACCCCGACTTTCTGCTGTACAGTCGGTAGACCAGCTGGCGGGCCGCGCTCCCTCAGCC  
 AACCGGGCAGCTCATTTCTGCGGTTCCATCGACCACCTCAAGGACAACGTGTACCGCAATGTCATGCC  
 CACCCTGGTGATCCCGCACACTATGTGCGCTGGGCGGAGAGGGCGGGCGCGGGAGTGGGCGACGAA  
 GCCACCCCGCGGAGGGCTCGGCCGCGGCCCGCGCGCCCTTCCCTCAACCCGACCCCAAGCGCCCC  
 TGATGCAGGGCCACGCGGTGCGGGAGGCGACAGCGGTGGCGGGAGGGCTGGGGCGGGCGGCTCCGC  
 ACCGGTACAGCGGCTCGGTACCATTCCGGTGTGTTCAACGAGTCCACCATGGCGCAGCTCAACGGCGAG  
 CTGCAGGCTCTAACCGAGAAGAAGTGTGGAAGTGGGAGTGAAGCCTACCCCGCGCCTGGTTGAT  
 CCCTGGACGGAGTTCCAATTCACAAGTGCGCCACTCCTACATCGACCTGCAGGGCGGACAGCGGGCCG  
 CAGCACCGATGCCAGCCTGGACTCAGGCGTGCAGTGCACGAGGCTCGACCTGCGCGCCGCGGCTCCCG  
 AGGGAAGAGCGGGAGCGCGCAGCTGCCCGCGCCGCGCGCCCGCGCCCGCGCCTGGCGCTCAGCG  
 AAGACACAGAGCCAGCAGCAGCAGGAGCCGACCGGCTCTGCTCGCCGAGGACAACCTGCTAACGCC  
 CCTGCTGGACGAGGTGGTGGCACCCGAAGGCCGGCAGCCAGGTACCCAGGGGTGGGGCCGAGCCGT  
 GGGGACAGTTCCCGCAGCAGCGCAGTGCAGTGCAGGCGGATTCGCTCACCAGCCCGAGGACGAGCTGG  
 GGGCGGAGGTGGGCGACGAGGCTGGCGACAAGAAGAGCCCGTGGCAGCGGGAGGAGCGGCCGCTAAT  
 GGTGTTCAACGTCAAGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_199200  
**Insert Size:** 2469 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_199200.2</a> , <a href="#">NP_954670.2</a>
<b>RefSeq Size:</b>	3099 bp
<b>RefSeq ORF:</b>	2469 bp
<b>Locus ID:</b>	217219
<b>UniProt ID:</b>	<a href="#">A2A699</a>
<b>Cytogenetics:</b>	11 D