

## Product datasheet for **MC202721**

### Fam53c (NM\_175104) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Fam53c (NM\_175104) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Fam53c  
**Synonyms:** 2810012G03Rik; Gm21179  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC057111 sequence for NM\_175104  
 GGTGAGAACAAATTACAGAGCAAGGGGACACAGCTCCGCAACCGTTATAAATCTCAGGTTTATAAAAGCT  
 CTAGCAGATCTGGCAGCTAGAAGAGGGGCTCCGGCTACTCAGAGCAGGCCTTGACCGGCGCTTGGACTAC  
 ATTTCCAGCAGCCTTACGCGGAGGATCAGTCCCTTGCCGGGGGAAGGTGGGGGGATGCTTGCAAAAGG  
 TGGCTGTGTGCGGAAGGGAAGGAGGCCAGGCACAGCAGGCATGACTGGAGAGGGAGGTCCCAATGGTGT  
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 CAATCGTCCAAAGTGTCAAGCAAGTCTGGGCAGAAACATGATCACCTGATCACGGAGCAGCTCCA  
 GAAGCAGACCCTGGATGAGCTGAAATGCACGCGCTTCAGCGTCAGTCTGCCTTTGCCTGATCATGCAGAC  
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 CCTGTGCTGAGTTCAGGACAGCCTCAACTTCAGTACCATCCCTCAGGCCTAAGCCTGCACCTCAGACC  
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 GAGAAGCTTCTGTGCCCTGCCCTCCATCCAAGAGGCACTGCCGCTACTCTCGGTGCTGTGGACC  
 TGCTCTCGTGGCAGCCGGTGTGGCGGCCTGCCCTCCAAGCTGTGGACTCCCATCAAGCACCGGGCAA  
 TGCTGGAGGGGTGGGCCGAGGTGCCTCAGCAGAGCCCTCCGAAGCGGGTCTCCAGCCTCAGGTTCTC  
 CAAGTCCCAGTGCCTCGTCTCAGTGTGCCAGCCACAGACCTACAGCCCTCCTTTCTCAGCCTGG  
 CCCTGGCCCAAGATTCGCTCAGCCCTGCGCCACCTCCCTCAGAGTGGCTCCTGGGAGAGTGATGCAGA  
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 ACCTTCCCGAAGCCGCTCACAGCCTTGTGATCTGGATGCCCGAAAACCTGGTGTCAAGCGCGTCATGA  
 GGAAGACTGCAGGCGCTTCGGCCTTCTTGGACTTTGACAAGATGAATCAGAAACCATACTCAGGAGGT  
 CTCTGTCTCCAAGAAACAGCCCGAGAAGAGGCAAGCTCTCTCCACCATGGTTCATGGCCTGTAGTC  
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 CTCCTACTCAGGGCAGCCCAAGTCTTCTGCTCCAGCAAACCTCGACCATGCCAAGAGACTGGCGGGACA  
 AGATAAATGGAGCTGGTACGGGAGGGACAGCCCAAGCAGACACCTCCCATGGCGGCCCTGAGTGTGA



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GTATCCCTGCCACTAAGAGCAATGGGCAGGGAAGGAAGGGGTCTGCGACCCAGCTCGGGGAATTTCACT
AGCCCCTTTGCTTCAAAGGGCACTTGTGTCTTAGAATTTGGCCAGGGTGGGGGGTTCAGTCAGCCTCCT
CGGAGAAATTTGTGTGAGTGTGCGTGCACGGGTGTGACTTGTGTGAGTGTGTGTGCGTGCATGGGT
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CCAGTTTCATCATTTGGGTTCTCACACAGTGGGCTTACCAGAGTGGAGCACACCTCCGGGGCTTGTGGC
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CTCTAGCTGCCCTTATTCCACCTGCTGCCAAAGTCCCTGTGCTAATGGGATTACAGAAACAAAAAGTG
GAAAAAATTTTTCGTAACTTTGTTTTATTTAAAAAATCCATAAGTCTGTGTGTGTTAAACATGAGG
TTCTGCCTCTGTGGCTGTGTTGAAAAAATAAAGTTTTATTAGAATAATCCATTTTCCCAAGCAAAAAA AAAAAAAAAA
    
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- Restriction Sites:** AscI-NotI
- ACCN:** NM\_175104
- Insert Size:** 1182 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.

**RefSeq:** [BC057111](#), [AAH57111](#)

**RefSeq Size:** 4492 bp

**RefSeq ORF:** 1182 bp

**Locus ID:** 66306

**UniProt ID:** [Q8BXQ8](#)

**Cytogenetics:** 18 B1