

## Product datasheet for **MC201603**

### Fam241b (NM\_027251) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Fam241b (NM\_027251) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Fam241b  
**Synonyms:** 2010107G23Rik; AA545165  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC024943 sequence for NM\_027251  
 GTGCGCGCAGGTGGGTGGTGTTCGCGCCGGGTCCCGGATCCGCACCCCTCCCCACCCTGCGGGGCCTGG  
 AGCCACGCCTGACCGAGGCGCTGCAGCGCGCGGGTGGCCAGCCTGCGGGATGACAAAGCACGGGGCGC  
 CGCGCGAACTGCGACCTGCCCGCTCCACGCTGCGCGCCTCCCCGGGCCAACCTGCCTCGGTGCTGGG  
 CAGGTTGAGATGAACACGAGGCGCTCCTCGGGTACAGTGCCGGGCTATCGTACCCCTTAGGGGCTGC  
 AAAGCTGGGGTCCCCAGAGCCGAGCTGCAGCTCACACACCTTGTGGTGGGAGGTTGGACTTCGTCTT  
 TACCTGGGTGTTCCCTGCAGGTTTCACTTAGCAGAAGCTGGCCTTTAACCCCTGACCTCCAGCCTGTA  
 CCTCCTTGGAGTCTGGTGTGATTACAGTACTGCACAGCAGAAATCCCAGCGTCCAGGGAGAATGGT  
 GAGGATCTTGGCAATGGGAGATCGTTCAGGATGATGACCCACGAGTGAGGACGACCACCCAGCACAGA  
 AGTAGTAGCTCTCAGCAGGGCTTTTTCAACAGAGGCCACGGCGCACCTCCAGGGGGCCCTGGACCCCGCC  
 AGCAGCAGGCAGGTGCCGACTGGGTGCTGCCAATCTCCTTTTCAGTGACCTGAACCGGCAGCTGGTGAA  
 CATGGGCTTCCCAATGGCACCTTGGGAACCAGTGGTGAACCTGTGACCTCCATCCTCTGCTCTTC  
 CTGCTTATGATGCTCGGGTTCGTGGCCTCCTGCTTGTGGGCTGGTCTACCTGGTGTCTCACCTGAGTC  
 AGCGGTGACCTCCGGGGACTCATGAGGGCGGGAGTGTTCAGTAGGATCGACTGGACTGGGCTTTGGTGC  
 GACATCATGCACAGGGGGAGGGAGCTTGGGTGGGCTCAGAAGGTGTGATGGGCATGAGACCGGCTTTGTA  
 GATTTTTCTCCCGCTGCAGGAGGCAGAGGGACTCTCTGGCCAGCATTGCTGAAAAAGAGAGTCTGTGG  
 TTTCTGGAATGTTTTAGGGGGCATAGGGCTTCGGCTAAAAAGCACAAGCAAGAATAAGAAAGGCTTAG  
 TATGTTGATTCTCCAGAACACAAATCTTCTACCAGGCGCAAACCCGGAGCTGAGAACAGCTGGGAAC  
 GTCCAGAGTTTTATAGCAATCCTTCATTTAATGGTGTCTTTTTTTATTGGCTGATTTTATGTTAAGGA  
 AGGATATTGACATTCTATTTATCATGATCTTTCTTTTCTTTGGGTTTTTCCAAGACAGAGGAGTTTCACT  
 GTGTAGCCTTGGCTGGCCTGGAACCTCACCATGGAGACCAGGTTGGCCTCCAGCTCACAGAGATCCTCCTG  
 CGTCTTCTCCCAAGTGTGGGACCAAAGGTGTGTGATACTGTGCCAGCTATTGTGATTTTTCAATAA  
 ATAAATTGGAGTCCCTTTTAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_027251



[View online »](#)

<b>Insert Size:</b>	363 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>	<u><a href="#">BC024943</a></u> , <u><a href="#">AAH24943</a></u>
<b>RefSeq Size:</b>	1538 bp
<b>RefSeq ORF:</b>	363 bp
<b>Locus ID:</b>	69894
<b>UniProt ID:</b>	<u><a href="#">Q9D882</a></u>
<b>Cytogenetics:</b>	10 B4
<b>Gene Summary:</b>	May play a role in lysosome homeostasis.[UniProtKB/Swiss-Prot Function]