

## Product datasheet for **MC200016**

### Flot1 (NM\_008027) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Flot1 (NM\_008027) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Flot1  
**Synonyms:** reggie-2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC004647 sequence for NM\_008027  
 GTCTGTTGCTGCAACAGGGTGC GGCCGGGTGGGGGGCGCAAGTGCAGCTTCCACTAAGCCGGGTGTCCGA  
 GCAGTCCCACCCCGTTCTGGGGTTCTGCGGGCTCCGCGCTTCTCAAGACCCCGTGGGGTTGCTTACC  
 GGGACGTTCCGGAAGCTGCAGCTTCAACCATGTTTTTCACTTGTGGCCAAATGAGGCCATGGTGTCTC  
 CGGGTTCTGCAGGAGCCCCCAGTCATGGTGGCCGGAGGCCGAGTGTGTCTACCTGCATTCAGCAA  
 ATCCAGAGGATCTCTCTCAACACTGACCCTCAATGTCAAGAGTGAAAAGGTTTATACCCGCCACGGGG  
 TCCCCATCTCAGTCACGGCATTGCCAGGTGAAAATCCAGGGCCAGAACAAGGAGATGCTGGCAGCTGC  
 CTGCCAGATGTTCTGGGAAGACAGAGGCGGAGATTGCCACATTGCCCTGGAGACTGGAAGGCCAC  
 CAGAGGGCAATCATGGCCACATGACTGTGGAGGAGATCTATAAGGATAGACAGAAATTCTCAGAGCAGG  
 TTTTCAAAGTGGCTCCTCCGACCTGGTCAACATGGGTATCAGCGTGGTTAGCTACTTTGAAGGATAT  
 TCATGATGACCAGGATTACTTACTCTGTTAGGAAAGGCTCGCACGGCACAAGTCCAAAAAGATGCTCGG  
 ATGGCGAAGCAGAGGCCAAGAGAGATGCCGGGATACGGGAGGCTAAGGCCAAGCAGGAGAAGGTATCTG  
 CACAGTGCCTCAGTGAATAGAGATGGCCAAGGCACAGAGGGACTATGAGCTGAAGAAAGCCACCTACGA  
 CATCGAGGTCAACACCCGGCGAGCACAGGCTGACCTGGCCTATCAGCTGCAGGTGGCCAAGCAGCAAGCAG  
 CAGATCGAGGAGCAGCGGGTGCAGGTGCAGGTGGTTGAGCGCGCCAGCAGGTGGCAGTGCAGGAGCAGG  
 AGATCGCCCGCGCGAGAAGGAGTTGGAGGCTCGCGTGCAGCAAGCCAGCAGAGGCTGAGCGCTACAGGCT  
 GGAGCGCTGGCGGAAGCAGAGAAGGCCAGCTGATCATGCAGGCAGAAGCCGAAGCTGAGTCTGTGCGG  
 ATGCGAGGGGAAGCTGAGGCCTTTGCTATAGGTGCCCGCGCTCGTGTGAGGCTGAGCAAATGGCCAAGA  
 AGCAGAAGCCTTCCAGATGTACCAGGAGGCCCGCCAGCTGGACATGCTGCTGGAGAAATGCCCCAGT  
 GGCAGAAGAGATCAGTGGTCCCCTGACCTCAGCCAATAAGATCACGCTGGTGTCTAGTGGAAAGCGGAACC  
 ATGGGGGCGAGCCAAAGTTACTGGGAAGTACTGGACATCTTGGCCGCTGCCGGAGAGTGTGGAGAGGC  
 TCACAGGCGTCAGCATCTCCAGGTAATCACAAAGCCTTTAAGGACAGCATGAGCCCTCAGTCTGG  
 ACTGTGTGGCCTGAGCGGTCTCATTGGGGAGTGGTCTCATCGCATGCACCTCACCTGGCCTCCCTTAGCA  
 TGGCCCCGACAGGGGTGCACACCTCTCCTTGCCAAATAGTCCGTGCCTTGCCCTGGAGGGTTTGCCTT  
 CTTAGCCCATTGCCAGTGCCTGCACCAAGATTGATTATCTTCAGCCCATCCCACTATTTAACTTCCTG  
 ATTAAACTAGACTGTTTGGAGCTGAAAAAAAAAAAAAAAAAAAA



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<b>Restriction Sites:</b>	RsrII-NotI
<b>ACCN:</b>	NM_008027
<b>Insert Size:</b>	1287 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p>
<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="#">BC004647</a> , <a href="#">AAH04647</a>
<b>RefSeq Size:</b>	1721 bp
<b>RefSeq ORF:</b>	1287 bp
<b>Locus ID:</b>	14251
<b>UniProt ID:</b>	<a href="#">O08917</a>
<b>Cytogenetics:</b>	17 B1
<b>Gene Summary:</b>	May act as a scaffolding protein within caveolar membranes, functionally participating in formation of caveolae or caveolae-like vesicles.[UniProtKB/Swiss-Prot Function]