

## Product datasheet for **MC227379**

### Flot2 (NM\_001284228) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Flot2 (NM\_001284228) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Flot2  
**Synonyms:** A1573412; Esa; reggie-2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC227379 representing NM\_001284228  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGC**C

ATGACGTTGCAGCCCCGCTGTGAGGACGTAGAGACGGCCGAGGGGTAGCTTTAACTGTGACGGGTGTCG  
 CCCAGGTGAAGATCATGACGGAGAAGGAGCTCCTGGCTGTAGCCTGTGAACAGTTCCTGGCAAGAACGT  
 ACAGGACATTAAGAACGTCGTGCTGCAGACCCTGGAGGGGCATCTACGCTCTATCCTAGGGACTCTGACT  
 GTAGAACAGATTTATCAGGACCGAGACCAGTTTGCCAAGCTGGTGCGGGAAGTGGCGGCCCCCGATGTTG  
 GCCGCATGGGCATCGAGATCCTCAGCTTACCATCAAGGATGTTTATGACAAAGTAGACTATCTGAGCTC  
 CCTGGGCAAGACACAGACTGCTGTGGTGCAGAGAGATGCAGACATTGGTGTGGCAGAGGCAGAACGGGAC  
 GCAGGCATCCGGGAAGCTGAATGCAAGAAGGAGATGCTAGATGTGAAGTTCATGGCAGACACCAAGATCG  
 CTGACTCTAAGAGAGCCTTTGAGCTTCAAAAGTCAGCCTTCAGCGAGGAAGTCAACATCAAGACAGCTGA  
 GGCCAGTTGGCCTATGAGCTGCAAGGGGCCCGAGCAACAGAAGATCCGGCAGGAAGAGATTGAGATT  
 GAGGTCGTACAGCGCAAGAAGCAGATCGCCGTGGAGGCGCAGGAGATCCTCCGCACCACCAAGGAGCTCA  
 TCGCCACCCTGCGCCGCCCTGCAGAGGCTGAGGCCACCAGATCCAGCAGATCGTGGAGGCGAAAAGGT  
 GAAACAAGTCTCTTGGCACAAGCAGAAGCTGAGAAGATTTCGAAAATTGGAGAGGCAGAGGCAGCAGTC  
 ATTGAGGCAATGGCAAGGCCGAGGCTGAGCGGATGAAGCTTAAGGCTGAGGCCTACCAGAAGTATGGGG  
 ATGCAGCCAAGATGGCCTTGGTGTGGAGGCCCTGCCCAGATTGCTGCCAAGATCTCCGCGCCCTGAC  
 TAAAGTCGATGAGATTGTGGTTCTCAGTGGGGACAACAGCAAGGTGACATCAGAAGTAAACCGGCTGCTA  
 GCAGAAGTCCAGCCTCTGTGCACGCCCTACCCGGTGTGGACCTTCAAAGATACCCCTGATCAAGAACG  
 CCACTGGTGCACAGGTG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul



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<b>ACCN:</b>	NM_001284228
<b>Insert Size:</b>	1140 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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="#">NM_001284228.1</a></u> , <u><a href="#">NP_001271157.1</a></u>
<b>RefSeq Size:</b>	2574 bp
<b>RefSeq ORF:</b>	1140 bp
<b>Locus ID:</b>	14252
<b>UniProt ID:</b>	<u><a href="#">Q60634</a></u>
<b>Cytogenetics:</b>	11 46.74 cM
<b>Gene Summary:</b>	<p>May act as a scaffolding protein within caveolar membranes, functionally participating in formation of caveolae or caveolae-like vesicles. May be involved in epidermal cell adhesion and epidermal structure and function.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR and coding sequence and uses a downstream start codon compared to variant 3. The resulting isoform (2) is shorter at the N-terminus compared to isoform 3. Variants 2 and 4 both encode the same isoform (2).</p>