

## Product datasheet for RN216649

### Flot2 (NM\_001270800) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Flot2 (NM\_001270800) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Flot2  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN216649 representing NM\_001270800  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGGCAATTGCCACACGGTGGGCCCAACGAGGCACTGGTGGTCTCAGGGGGCTGTTGTGGTTCTGACT  
 ACAAGCAGTATGTGTTGGCGGCTGGGCTTGGCCTGGTGGTGTATCTCGGACACTCAGAGGATTTCCCT  
 AGAGATTATGACGTTGCAGCCCCGCTGTGAGGACGTAGAGACGGCCGAGGGGTAGCTTTAACTGTGACG  
 GGTGTCGCCCAGGTGAAGATCATGACGGAGAAGGAGCTCCTGGCTGTAGCCTGTGAACAGTTCCTGGGCA  
 AGAACGTGCAGGACATTAAAGACGTCGTAAGTGCAGACCCTGGAGGGGCATCTACGCTCCATCCTTGGGAC  
 TCTGACTGTGGAGCAGATTTATCAGGACCAGACAGTTTCCAAAGCTGGTGCAGGAAAGTGGCAGCCCT  
 GATGTTGGCCGTATGGGCATCGAGATCCTCAGCTTACCACCAAGGATGTCTATGACAAAGTAGACTATC  
 TGAGCTCCCTGGGCAAGACACAGACTGCCGTGGTACAGAGAGATGCAGACATCGGTGTGGCAGAGGCAGA  
 GCGGGACGCAGGCATCCGGGAAGCCGAGTGCAAGAAGGAAATGCTAGATGTGAAGTTCATGGCAGACACC  
 AAGATTGCTGACTCCAAGAGAGCCTTTGAGCTGCAAAAAGTCAGCCTTCAGTGAGGAGGTCAACATCAAGA  
 CAGCTGAGGCCAGTTGGCCTATGAGCTACAAGGGCCAGAGAGCAACAGAAGATCCGGCAGGAAGAGAT  
 TGAGATTGAGGTAGTACAGCGCAAGAAGCAGATCGCCGTGGAGGCGCAGGAGATCCTGCGCACAGACAAG  
 GAGCTCATCGCCACAGTGCAGCCGCCCTGCAGAGGCAAGGCCCCACCGCATCCAGCAGATTGCTGAAGGCG  
 AAAAGGTGAAACAAGTCTCTTGGCACAAGCAGAAGCTGAGAAGATTCGCAAAATCGGGGAGGCAGAGGC  
 AGCAGTCATTGAGGCCATGGGCAAGGCCGAGGCCGAGCGGATGAAGCTTAAAGCTGAGGCCATACCAGAAG  
 TACGGGGATGCGGCAAGATGGCCCTGGTGTGGAGGCCCTGCCCGAGTTGCTGCCAAGATCTCCGCAC  
 CCCTGACTAAAGTCGATGAGATTGTGGTCTCAGTGGGGAACAACGAAGGTGACATCAGAAGTGAACCG  
 GCTGCTAGCAGAACTGCCTGCTTCTGTTTCATGCCCTCACTGGTGTGGACCTCTCAAAGATACCACTGATC  
 AAGAATGCCACTGGTGGCAGGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



[View online »](#)

<b>ACCN:</b>	NM_001270800
<b>Insert Size:</b>	1287 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_001270800.1</a></u> , <u><a href="#">NP_001257729.1</a></u>
<b>RefSeq Size:</b>	2653 bp
<b>RefSeq ORF:</b>	1287 bp
<b>Locus ID:</b>	83764
<b>UniProt ID:</b>	<u><a href="#">Q9Z2S9</a></u>
<b>Cytogenetics:</b>	10q25
<b>Gene Summary:</b>	<p>colocalized with activated GPI-linked cell adhesion molecules at the plasma membrane where transmembrane signaling may occur [RGD, Feb 2006]</p> <p>Transcript Variant: This variant (2) has an alternate coding exon of the same size in place of an internal coding exon compared to variant 1. The resulting isoform (2) is the same size as isoform 1 but has a different internal segment compared to isoform 1.</p>