

Product datasheet for **RN216524**

Flot2 (NM_001270801) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Flot2 (NM_001270801) 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:	>RN216524 representing NM_001270801 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACGTTGCAGCCCCGCTGTGAGGACGTAGAGACGGCCGAGGGGTAGCTTTAACTGTGACGGGTGTCC
CCCAGGTGAAGATCATGACGGAGAAGGAGCTCCTGGCTGTAGCCTGTGAACAGTTCCTGGCAAGAACGT
GCAGGACATTAAGAACGTCGTAAGTGCAGACCCCTGGAGGGCATCTACGCTCCATCCTTGGGACTCTGACT
GTGGAGCAGATTTATCAGGACCGAGACCAGTTTGCCAAGCTGGTGCGGGAAGTGGCAGCCCTGATGTTG
GCCGTATGGGCATCGAGATCCTCAGCTTACCATCAAGGATGTCTATGACAAAGTAGACTATCTGAGCTC
CCTGGGCAAGACACAGACTGCCGTGGTACAGAGAGATGCAGACATCGGTGTGGCAGAGGCAGAGCGGGAC
GCAGGCATCCGGGAAGCCGAGTGAAGAAGGAAATGCTAGATGTGAAGTTCATGGCAGACACCAAGATTG
CTGACTCCAAGAGAGCCTTTGAGCTGCAAAAGTCAGCCTTCAGTGAGGAGGTCAACATCAAGACAGCTGA
GGCCAGTTGGCCTATGAGCTACAAGGGCCAGAGAGCAACAGAAGATCCGGCAGGAAGAGATTGAGATT
GAGGTAGTACAGCGCAAGAAGCAGATCGCCGTGGAGGCGCAGGAGATCCTGCGCACAGACAAGGAGCTCA
TCGCCACAGTGCGCCGCCCTGCAGAGGCAGAGGCCACCCGATCCAGCAGATTGCTGAAGCGGAAAAGGT
GAAACAAGTCTCTTGGCACAAGCAGAAGCTGAGAAGATTGCGAAAATCGGGGAGGCAGAGGCAGCAGCTC
ATTGAGGCCATGGCAAGGCCGAGGCCGAGCGGATGAAGCTTAAAGCTGAGGCCTACCAGAGTACGGGG
ATGCGGCCAAGATGGCCCTGGTGTGGAGGCCCTGCCCAGATTGCTGCCAAGATCTCCGCACCCCTGAC
TAAAGTCGATGAGATTGTGGTCTCAGTGGGGACAACAGCAAGGTGACATCAGAAGTGAACCGGCTGCTA
GCAGAAGTGCCTGCTTCTGTTTCATGCCCTCACTGGTGTGGACCTCTCAAAGATACCACTGATCAAGAATG
CCACTGGTGGCAGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001270801



[View online »](#)

Insert Size:	1140 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001270801.1, NP_001257730.1</u>
RefSeq Size:	2662 bp
RefSeq ORF:	1140 bp
Locus ID:	83764
Cytogenetics:	10q25
Gene Summary:	colocalized with activated GPI-linked cell adhesion molecules at the plasma membrane where transmembrane signaling may occur [RGD, Feb 2006] Transcript Variant: This variant (3) has an alternate coding exon in place of an internal coding exon compared to variant 1. The resulting isoform (3) has a shorter and distinct N-terminus compared to isoform 1.