

Product datasheet for RN201193

Flot2 (NM_031830) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Flot2 (NM_031830) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Flot2
Synonyms:	MGC93331
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN201193 representing NM_031830 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGCAATTGCCACACGGTGGGCCCAACGAGGCACTGGTGGTCTCAGGGGGCTGTTGTGGTTCTGACT
ACAAGCAGTATGTGTTGGCGGCTGGGCTTGGCCTGGTGGTGTATCTCGGACACTCAGAGACTGTCTCT
GGAGTTATGACCATCCTGTGCTGTGAGAATATTGAGACGTCGGAGGGGGTCCCGCTATTTCGTAACA
GGGTTGCACAGGTGAAGATCATGACGGAGAAGGAGCTCCTGGCTGTAGCCTGTGAACAGTTCCTGGGCA
AGAACGTGCAGGACATTAGAACGTCGTAAGTGCAGACCCTGGAGGGGCATCTACGCTCCATCCTGGGAC
TCTGACTGTGGAGCAGATTTATCAGGACCAGACAGTTTCCAAAGCTGGTGCAGGAAAGTGGCAGCCCT
GATGTTGGCCGTATGGGCATCGAGATCCTCAGCTTACCATCAAGGATGTCTATGACAAAGTAGACTATC
TGAGCTCCCTGGGCAAGACACAGACTGCCGTGGTACAGAGAGATGCAGACATCGGTGTGGCAGAGGCAGA
GCGGGACGCAGGCATCCGGGAAGCCGAGTGCAAGAAGGAAATGCTAGATGTGAAGTTCATGGCAGACACC
AAGATTGCTGACTCCAAGAGAGCCTTTGAGCTGCAAAAGTCAGCCTTCAGTGAGGAGGTCAACATCAAGA
CAGCTGAGGCCCCAGTTGGCCTATGAGCTACAAGGGGCCAGAGAGCAACAGAAGATCCGGCAGGAAGAGAT
TGAGATTGAGGTAGTACAGCGCAAGAAGCAGATCGCCGTGGAGGCGCAGGAGATCCTGCGCACAGACAAG
GAGCTCATCGCCACAGTGCAGCCGCTGCAAGGCGAGAGGCCACCAGCATCCAGCAGATTGCTGAAGGCG
AAAAGGTGAAACAAGTCTCTTGGCACAAGCAGAAGCTGAGAAGATTCGCAAAATCGGGGAGGCAGAGGC
AGCAGTCAATTGAGGCCATGGGCAAGGCCGAGGCCGAGCGGATGAAGCTTAAAGCTGAGGCCCTACCAGAAG
TACGGGGATGCGGCAAGATGGCCCTGGTGTGGAGGCCCTGCCAGATTGCTGCAAGATCTCCGCAC
CCCTGACTAAAGTCGATGAGATTGTGGTCTCAGTGGGACAACAGCAAGGTGACATCAGAAGTGAACCG
GCTGCTAGCAGAACTGCCTGCTTCTGTTTCATGCCCTCACTGGTGTGGACCTCTCAAAGATACCACTGATC
AAGAATGCCACTGGTGCAGGTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_031830
Insert Size:	1287 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).
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_031830.2</u> , <u>NP_114018.1</u>
RefSeq Size:	2653 bp
RefSeq ORF:	1287 bp
Locus ID:	83764
UniProt ID:	<u>Q9Z2S9</u>
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 (1) encodes the longer isoform (1).