

Product datasheet for RN214489

Flot1 (NM_022701) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Flot1 (NM_022701) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Flot1
Synonyms:	Rareg
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN214489 representing NM_022701 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTTTTCACTTGTGGCCAAATGAGGCCATGGTGGTCTCCGGTTCTGCAGGAGCCCCCAGTCATGG
TGGCCGGAGGCCGAGTGTGGTCTACCCTGCATTCAACAAATCCAAAGGATCTCTCTCAACACACTGAC
CCTCAATGTCAAGAGTGAGAAGTTTATACCCGCCACGGGGTCCCATCTCAGTCACGGGATTGCCAG
GTGAAAATCCAGGGGCAAAACAAGGAGATGCTGGCAGCTGCCTGCCAGATGTTCCGGGGAAGACAGAGG
CAGAGATCGCCACATTGCCCTGGAGACGCTGGAAGGCCACCAGAGGGCAATCATGGCCCATGACTGT
GGAGGAGATCTATAAGGACAGACAGAAGTTCTCAGAGCAGGTTTTCAAGGTGGCCTCCTCCGACCTGGTC
AACATGGGTATCAGTGTGGTTAGCTACACTTTGAAGGACATTCACGATGACCAGGATTACTTACACTCTT
TGGGGAAGGCTCGCACAGCACAAGTGCAGAAAGATGCTCGGATTGGAGAAGCAGAGGCCAAGAGAGATGC
GGGATACGGGAGGCTAAGGCCAAGCAGGAGAAGGTATCCGCACAGTGCCTCAGTGAATAGAGATGGCC
AAGGCCAGAGGGACTATGAGCTGAAGAAAGCCACCTACGACATTGAGGTCAACACCCGGCAGCACAGG
CAGACCTGGCCTATCAGCTGCAGTGGCCAAGACGAAGCAGCAGATCGAGGAGCAGCGGGTACAGGTGCA
GGTGGTGGAGCGGCCAGCAGGTGGCAGTGCAGGAGCAGGAGATAGCAAGGCCGAGAGAAGGAGCTGGAG
GCCCGGTGCGCAAGCCAGCGGAGGCTGAGCGCTACAGGCTGGAGCGCCTGGCGGAAGCAGAGAAGGCC
AGCTGATCATGCAGGCAGAAGCTGAAGCTGAGTCTGTGCGGATGCGAGGGGAAGCTGAGGCCCTTGGCGT
AGGGGCCCGCTCGTGTGAGGCTGAGCAATGGCCAAGAAGGCAGAAGCCTTCCAGATGTACCAGGAG
GCCGCCAGCTGGACATGCTGCTGGAGAACTGCCCCAGGTGGCAGAAGAGATCAGTGGCCCCCTGACCT
CAGCCAATAAGATCACGCTGGTGTCTAGCGGAAGCGGAACCATGGGGGCCCAAAGTTACTGGGAAGT
ACTGGACATCTTAAGCCGTCTGCCAGAGAGTGTGGAGAGACTCACAGGCGTCAGCATCTCCAGGTGAAT
CACAAAGCCTTAAGGACGGCGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_022701
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_022701.2</u> , <u>NP_073192.2</u>
RefSeq Size:	1718 bp
RefSeq ORF:	1287 bp
Locus ID:	64665
UniProt ID:	<u>Q9Z1E1</u>
Cytogenetics:	20p12
Gene Summary:	colocalized with activated GPI-linked cell adhesion molecules at the plasma membrane where transmembrane signaling may occur [RGD, Feb 2006]