

Product datasheet for **MC227788**

Flot2 (NM_001284227) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Flot2 (NM_001284227) 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



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Fully Sequenced ORF: >MC227788 representing NM_001284227
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCAACTGCCACACGGTGGGCCCAACGAGGCGCTGGTGGTCTCAGGAGGCTGTTGTGGTTCTGACT
 ACAAACAGTATGTGTTTGGAGGCTGGGCTTGGCCCTGGTGGTGTATCTCGGACACTCAGAGCCTGAGACT
 GTGCTGGCCTGGGTGGTGGAAATACTGAGAGCACACACCGTGCAGCAGTATATCAGGCATCAGTGCTT
 ATCTGGATTTCCCTAGAGATTATGACGTTGCAGCCCCGCTGTGAGGACGTAGAGACGGCCGAGGGGTAG
 CTTAACTGTGACGGGTGTCGCCAGGTGAAGATCATGACGGAGAAGGAGCTCCTGGCTGTAGCCTGTGA
 ACAGTTCTGGGCAAGAAGCTACAGGACATTAAGAAGCTCGTGTGCAGACCCTGGAGGGGCATCTACGC
 TCTATCCTAGGGACTCTGACTGTAGAACAGATTTATCAGGACCGAGACCAGTTTGCCAAGCTGGTGGGG
 AAGTGGCGGCCCCGATGTTGGCCGCATGGGCATCGAGATCCTCAGCTTACCATCAAGGATGTTTATGA
 CAAAGTAGACTATCTGAGCTCCCTGGGCAAGACACAGACTGCTGTGGTGCAGAGAGATGCAGACATTGGT
 GTGGCAGAGGCAGAACGGGACGCAGGCATCCGGGAAGCTGAATGCAAGAAGGAGATGCTAGATGTGAAGT
 TCATGGCAGACACCAAGATCGCTGACTCTAAGAGAGCCTTTGAGCTTCAAAGTCAGCCTTCAGCGAGGA
 AGTCAACATCAAGACAGCTGAGGCCAGTTGGCCTATGAGCTGCAAGGGGCCCGCAGCAACAGAAGATC
 CGGCAGGAAGAGATTGAGATTGAGGTCGTACAGCGCAAGAAGCAGATCGCCGTGGAGGCGCAGGAGATCC
 TCCGCACCGACAAGGAGCTCATCGCCACCGTGCGCCGCCCTGCAGAGGCTGAGGCCACCCGCATCCAGCA
 GATCGCTGAGGGCGAAAAGGTGAAACAAGTCCTCTTGGCAACAAGCAGAAGCTGAGAAGATTGCAAAATT
 GGAGAGGCAGAGGCAGCAGTCATTGAGGCAATGGGCAAGGCCGAGGCTGAGCGGATGAAGCTTAAGGCTG
 AGGCATACCAGAAGTATGGGGATGCAGCCAAGATGGCCTTGGTGTGGAGGCCCTGCCCCAGATTGCTGC
 CAAGATCTCCGCGCCCTGACTAAAGTCGATGAGATTGTGGTTCTCAGTGGGGACAACAGCAAGGTGACA
 TCAGAAGTAAACCGGCTGCTAGCAGAAGTCCAGCCTCTGTGCAGCCCTCACCGGTGTGGACCTTCAA
 AGATACCCTGATCAAGAACGCCACTGGTGCACAGGT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001284227
- Insert Size:** 1371 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:

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: [NM_001284227.1](#), [NP_001271156.1](#)

RefSeq Size: 2711 bp

RefSeq ORF: 1371 bp

Locus ID: 14252

UniProt ID: [Q60634](#)

Cytogenetics: 11 46.74 cM

Gene Summary: 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]
Transcript Variant: This variant (3) encodes the longest isoform (3).