

## Product datasheet for **MC202554**

### Flot2 (NM\_008028) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Flot2 (NM_008028) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Flot2
Synonyms:	A1573412; Esa; reggie-2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC070423 sequence for NM\_008028  
 TGGGCGCGCCGGCGCTGCGGACCCGCCACAGCCCTCCCGGTGCTGCGGACCCAAGGCCTGCTGGCCTG  
 CCAACGGCGCCATGGGCAACTGCCACACGGTGGGCCCAACGAGGCGCTGGTGGTCTCAGGAGGCTGTTG  
 TGGTTCTGACTACAAACAGTATGTGTTTGGAGGCTGGGCTTGGGCTGGTGGTGTATCTCGGACACTCAG  
 AGACTGTCTCTGGAGTTATGACCATCCTGTGTCGCTGTGAGAATATTGAGACGTGCGAGGGGGTCCCGC  
 TATTCGTAACAGGGGTTCACAGGATTTCCCTAGAGATTATGACGTTGCAGCCCCGTGTGAGGACGTAG  
 AGACGGCCGAGGGGTAGCTTTAACTGTGACGGGTGTCGCCAGGTGAAGATCATGACGGAGAAGGAGCT  
 CCTGGCTGTATCCTGTGAACAGTTCCTGGCAAGAACGTACAGGACATTAGAACGTCGTGCTGCAGACC  
 CTGGAGGGGCATCTACGCTCTATCCTAGGACTCTGACTGTAGAACAGATTTATCAGGACCAGACCAGT  
 TTGCCAAGCTGGTGCGGGAAGTGGCGGCCCGCATGTTGGCCGCATGGGCATCGAGATCCTCAGCTTCAC  
 CATCAAGGATGTTTATGACAAAGTAGACTATCTGAGCTCCTGGCAAGACACAGACTGTGTGGTGCAG  
 AGAGATGCAGACATTGGTGTGCCAGAGGCAGAACGGGACGCAGGCATCCGGGAAGCTGAATGCAAGAAGG  
 AGATGCTAGATGTGAAGTTCATGGCAGACACCAAGATCGTGACTCTAAGAGAGCCTTTGAGCTTCAAAA  
 GTCAGCCTTCAGCGAGGAAGTCAACATCAAGACAGCTGAGGCCAGTTGGCCTATGAGCTCAAGGGGCC  
 CGCGAGCAACAGAAGATCCGGCAGGAAGAGATTGAGATTGAGGTGTCACGCGCAAGAAGCAGATCGCCG  
 TGGAGGCCGAGGAGATCCTCCGCACCGACAAGGAGCTCATCGCCACCGTGCGCCGCCCTGCAGAGGCTGA  
 GGCCACCCGATCCAGCAGATCGCTGAGGGCGAAAAGGTGAAACAAGTCCTCTTGGCACAAGCAGAGCT  
 GAGAAGATTGCAAAAATTGGAGAGGCAGAGGCAGCAGTCAATTGAGGCAATGGGCAAGGCCGAGGCTGAGC  
 GGATGAAGCTTAAGGCTGAGGCCACCAGAAGTATGGGGATGCAGCCAAGATGGCCTTGGTGTGGAGGC  
 CCTGCCCCAGATTGCTGCCAAGATCTCCGCGCCCTGACTAAAGTCGATGAGATTGTGGTTCTCAGTGGG  
 GACAACAGCAAGGTGACATCAGAAGTAAACCGGCTGCTAGCAGAACTGCCAGCCTCTGTGCACGCCCTCA  
 CCGGTGTGGACCTTTCAAAGATACCCCTGATCAAGAACGCCACTGGTGCACAGGTGTGAGGCTCCTGCAC  
 ACTCAGCCTCCAGCAGCTGCCTGCCCTTCCAGCGCCTGTTTTAACGTACAGGGACAGCGAGAACATTTT  
 TGACTCTGGTGCCTTATTTTGTAGGGACCAGAAGTGTGCGTGTTCAGGCCATCTCTGGCTATCTTCCTT  
 TCTCTCTGTCTGCCTTCTCTCTCCATGCCCTCACATTAATGGCCACCTTCATCCAGCCTGTCTCCTC  
 ATCTGCCATATGTGCCTTCTCTGGCTATCTGTTTCTCTCCCTTTCTCCCAACTTCACACACATCA  
 TCTACTTTAACTGAAGTTGAAGTTGTGTATGATAATCACTGTCTGTCTGTGAGGAGTGGCCTCGTGCTC  
 CTCAGAATCCTGGTGCCTTCAAGTTCTACATGTATCTGTCTGTCTCCTGGCCCTGGCAGAGCCCAGCA  
 TGGGTACAAGGGTCTAGGTAGGACACCCACTCTCCTCTCCTGGTCTGAATCTCCGAGTGTGAACGC  
 TGTGCGGGAAGCCACAACCCACACGCTTTGCCCTTTGAGGCCTGAGTGGCCATGGCCTATTGCCCT  
 AGAGTAATGCCCTTGACATGCCGAGGCCAGGCCTGCTGTACATCCTGCCCTGTCCCCTGCACCATCAC  
 GGAGGCACAGAAGCAAGGCTCCTGTCTATAGCAGCTTCTCAGCTTACTACTGCCTTAGGAGGCCCTGC  
 TTGTGCTCAGGGACATCCCTTCCCTTGGCTTGTCTTATTGGTGGTGGTCTTAGTCTGATCCCATTA  
 AGTGTCTTCTGGGTCAATGTCTAGCTCTGTTGGGGACAAGTAAGTATTATAGGCCTTCTTCTGCTAGTG  
 CATGGAGCTCTCCAGGAGGCCAGGGCTGTGCCAACCTAAGAGAATCAAGTGTGTAGACTGGCCAAAC  
 CTCATTCCCTCAATGCCATTTTCTTGGCCAGAATAATGGGGACATGGGAAGCAGCTAAATATTCTATACC  
 TTTGCACCACTGGTGGCTGAAGAGGCCAATGCCCTGGTGTCTAGTAGGGGTACAAGGGTGTCCCCTGGG  
 CCCCCTCCCACCCCTGGCCCTGCCAGCCTGTGTAGCTGTTCTGCATGTGAATGCTGCATGTCTGGTCC  
 GGGATTTGGATGTTGACTACCCCACTGCCTGTCCCCCTCTGGTAAAAATAAAGATCTCTTATACCCAAA AAAAAAAAAAAAAAAAAA

**Restriction Sites:** Ascl-NotI

**ACCN:** NM\_008028

**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).

**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:** [BC070423](#), [AAH70423](#)

**RefSeq Size:** 2676 bp

**RefSeq ORF:** 1140 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]