

## Product datasheet for **RN203193**

### **Flrt1 (NM\_001109160) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Flrt1 (NM_001109160) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Flrt1
Synonyms:	RGD1565152
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN203193 representing NM\_001109160  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGTGGTGGCACACCCTGCTGCCACCCTACCACCACCTGCTGCCACTGTCACAGCCACTGTGCTGA  
 TGACCACAGCCACCATGGACCTGCGGGACTGGCTGTTTCTCTGCTATGGGCTTATTGCCTTCCTCACGGA  
 GGTGATCGACAGCACCACCTGCCATCAGTGTGCCGCTGTGACAATGGTTTCATCTACTGCAATGACCGG  
 GGGCTCACATCCATCCCCTCAGACATCCCTGATGACGCCACCACCCTCTACTTACAGAACAACCAGATCA  
 ACAATGCAGGCATCCCTCAGGACCTCAAGACCAAGGTCAAGTGCAGGTCACTACCTATATGAGAATGA  
 CCTGGATGAGTCCCTATCAATCTCCCCGCTCCCTGCGAGAGCTGCATCTGCAGGACAACAATGTGCGC  
 ACCATTGCCAGGGACTCCTTGGCTCGCATCCCCTGCTGGAGAAGCTGCACCTGGATGACAACCTCCGTGT  
 CCACTGTGAGCATCGAGGAGGACGCTTTCGCTGACAGCAAGCAGCTCAAGCTGCTTTTCTGAGCCGCAA  
 CCACCTGAGCAGATTCCATCGGGGCTGCCGCACACCCTGGAGGAACTGAGGCTCGATGACAACCGCATT  
 TCTACCATCCCCCTGCACGCATTCAAGGGGCTCAACAGCCTGCGACGCCTCGTTCTGGATGGCAACTTGC  
 TGGCAACCAGCGCATCGCTGATGACACCTTACGCCCTGCAGAACCTCACAGAGCTGTCGCTAGTACG  
 CAACTCGCTGGCCGCCCGCCCTTAACCTGCCAGTGCCACCTGCAGAAGCTCTACCTGCAGGACAAT  
 GCCATCAGTCACATCCCTACAACACACTGGCCAAAGATGCGGGAGCTGGAGAGGCTGGACCTGTCCAACA  
 ACAACCTCACCACGCTGCCTCGAGGCTGTTTGTGACCTGGGAACTGGCACAGCTGCTCCTCAGGAA  
 CAACCCCTGGTTCTGTGGCTGTAACTCATGTGGCTGCGGGACTGGTGAAGGCACGGGCCGAGTGGTC  
 AATGTGCGGGGCTCATGTGCCAGGGCCTGAGAAGTCCGGGGCATGGCCATCAAGATATCACCAGTG  
 AGATGGATGAGTCTTTGAGGCAGGGTCACAGGGCAGTGCAGCTAATGCAGCTGCCAAGACCACAGCCAG  
 CAACCATGCTTCTGCCACCACACCCAGGGCTCTCTGTTTACCCTCAAGGCCAAGAGGCCAGGACTGCGC  
 CTCCCTGACTCCAACATTGACTACCCCATGGCCACTGGAGATGGCGCAAGACATTGGTCAATCCAGGTGA  
 AGCCACTGACAGCAGACTCTATCCGAATCACGTGGAAGGCTATGTACCTGCCTCTTCTTTTCGGCTCAG  
 TTGGCTGCGCCTGGGCCATAGCCCGGCTGTGGCTCTATCACAGAGACTGGTGCAGGGGGACAAGACA  
 GAATACTGTGACAGCCCTGGAGCCCAAGTCCACCTACATCATCTGTATGGTACCATGGAGACTGGCA  
 ACACCTATGTGGCTGATGAGACACCTGTGTGTGCCAAAGCAGAGACAGCTGATAGCTATGGCCCTACCAC  
 CACTCAATCAGGAACAGAATGCTGGCCATGGCGGGGCTGCCCTGGCTGGCATTATGGTGGTGCC  
 GTGGCTCTTGTATTTCTTCTTCTGGTCTGGGAGCCATTTGCTGGTATGTGCACCGGGCCGGTGAAGTGC  
 TGACCCGAGAGAGGGTCTACAACAGGGGCAGCAGGAAAAAGGATGACTACATGGAATCGGGGACCAAGAA  
 GGATAACTCCATCCTAGAAATCCGAGGCCAGGACTGCAGATGCTCCCATCAACCCGTACCGCTCCAAA  
 GAGGAGTACGTGGTACACACCATATTTCCCTCCAATGGCAGCAGCCTCTGCAAGGGAGCCACACTATTG  
 GCTATGGCACCACAGGAGCTACCGGGAAGGTGGCATCCCTGATGTGGACTACTCTACACAT**GA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001109160
- Insert Size:** 2025 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:** [NM\\_001109160.1](#), [NP\\_001102630.1](#)

**RefSeq Size:** 5461 bp

**RefSeq ORF:** 2025 bp

**Locus ID:** 499308

**Cytogenetics:** 1q43