

## Product datasheet for **RN204109**

### **Fchsd2 (NM\_001107539) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fchsd2 (NM_001107539) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fchsd2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN204109 representing NM\_001107539  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTCATGCAGTAAGAGAGAAAGCTGACATCGAAGCAAAGTCTAAACTTAGTCTTTTTCAATCAAGAA  
 TCAGTTTACAGAAAGCAAGTGTGAAGTTAAAAGCCCGGCGAACTGAATGTAAATACCAAAGCTACCCACGC  
 AAGGAATGATTACCTTCTTACGCTAGCCGAGCAAATGCACATCAGGACCGCTACTATCAAACAGACTTA  
 CTTAACATCATGAAGGCTCTTGATGAAATGTATGACCATCTCAAGGATTACTTAATAGCCTTCAGCC  
 GGACCGAGCTAGAAGCTTGCCAGGCTATGCAGAAATACATTCCAGTTTTTACTAGAAAACCTCAGCAAGGT  
 GGTACGGGACTATAACCTTCAGCTGTTTCTACAAGAGAATGCTGTATTTCAACAGCCTCAGCCCTCCAG  
 TTCAGCCTTGACAGTGATACTAGTCGACAATTAGAATCAGAACTGGTACCACAGAAGAACACAGTC  
 TAAATAAGGAGGCTCGAAAATGGCCACTCGTGTGGCACGTGAGCACAAAAATTTGTTTCATCAGCAGCG  
 GTTTCTAAATGAACTAGAATGCCATGGAGTTGCTGTATCAGAACAGAGCCGAGCAGAGCTGGAACAGAAA  
 ATAGATGAAGCTAGAGAAAATATCCGTAAGAGCTGAGATCATAAATTGAAAGCTGAGGCTCGGCTAGACC  
 TACTGAAGCAGATTGGGGTTTCTGTAGATACGTGGTTAAAGAGTGCCATGAACAGGTGATGGAGGAACT  
 GGAAAAATGAGCGGTGGGCCCGCCCTCCGGCCGTGACCAGCAACGGCACTCTACACTCGCTTAATGCAGAT  
 GCTGAAAGAGAAGAAGGAGAAGAGTTTGAAGACAACATGGATGTTTTTGTGACAGCAGCTCCAGCCCTT  
 CTGGCACCTTAAGAAATATCCACTCACCTGCAAAAGTTGTTTTATCCTATAAGGCTTCTCAACCAGATGA  
 GTTGACCATGAGGAACATGAGGTGTTAGAAGTGATTGAAGATGGAGATATGGAAGACTGGGTAAGGCT  
 CGAAATAAAGTTGGCCAAGTGGGTTATGTGCCAGAAAAATACCTACAGTTTCCACCTCAAACAGCCTAC  
 TGAGCATGCTACAGTCTCTGGCTGCTTTGGACAGTCGGTCACACACGTCCAGCAATTCACAGAAGCAGA  
 ACTTGTTTCAGGCAGCCTGAATGGAGATGCTAGTGTCTGTTTTGTGAAAGCACTTTATGATTATGAGGGC  
 CAGACAGATGATGAGTTGTCCTTTCCCGAGGGAGCAATTATCCGATTGTGAACAAAGAGAACCAAGATG  
 ATGATGGCTTCTGGGAAGGGGAATTCAGTGGCCGAATTGGTGTTCCTCCGTCGAGTGTGGAAGAGCT  
 CTCAGCCTCTGAGAATGGCGACTCCATGGACAAGAGATATTCAGGTCTCTCCATCCCCAAGCCTCAC  
 ACATCCCTGCCTCCACTGCCTCTGTATGACCAGCCTCCAGCAGCCCTTACCCAGTCCAGATAAGAGGA  
 GCTCCAGTTCTCCCCGGTCTCCTTCAGCCAATGAAAACCTGCCTTCATGCTGAGTCACCAGGATTCTC  
 ACAGGCCTCAAGACAGACTCCTGACACCTCGATGGCAAGCTGCGGCCTGTTCCGGCGGCACCCCCACCA  
 CCCACACAGACCCACCGACGGACAGCTGAGAAGATGGAGGATGTGGAGATCACACTGGTGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001107539
- Insert Size:** 1743 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\\_001107539.1](#), [NP\\_001101009.1](#)

**RefSeq Size:** 4239 bp

**RefSeq ORF:** 1743 bp

**Locus ID:** 308864

**Cytogenetics:** 1q32