

Product datasheet for **RN217111**

Fchsd1 (NM_001109881) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fchsd1 (NM_001109881) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fchsd1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217111 representing NM_001109881
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGCCGCGCCCGAAAAGTGAAGCCAGCCAGGAGGTGAACTTCGCTTTTGGAGCAGCTGAGTA
 TCCTTCAGACCCGACAACAGAGGGAGGCGGATCTACTGGAAGACATCAGATCCTACAGCAAGCAGAGGGC
 AGCCATTGAACGGGAGTATGGCCAGGCACTCCAGAACTGGCCGGGCCATTCTGAGAGAGAAGGGCAG
 CGAAGTGGGGAGGTAGACAGCAGGGCTAGGACAGTGTGGTGCCTGGCGCTGCCTTCTGGATGCCACTG
 TGGCTGGAGGCCAAACCCGACTTCAGGCGTCTGACCGATATCGTGACCTAGCAGGGGGTACCGGAGGAG
 TGCCAAGGAGCAGGTGCTTAGAAAGGGGACAGAGGCCTCCAGCAAGCACAGGCTGAGGTGTACAGTCC
 GTCGGGAGCTGAGCCGAAGCCGAAGCTCTATGGGCAGCGAGAGCGAGTGTGGGCTTGGCACAGGAGA
 AGGCAGCCGATGTCCAGGCCAGGCTGAACCGAAATGACCATGGGATCTTCCACTCTCGACAGCCCTCCA
 GAACTGAGCACCAAGCTGTCCGCCAGTCAGCCAGTATCCAGCAGCTGAGAGCAGCCCGCAACGAG
 TACCTGTAAATTTGGTGGCCACCAATGCTCACCTTGCCATTACTACCAAGAGGAATTGCCAGCACTGC
 TCAAGGTCCTGGTAAGTGAGCTGTCCGAGTACTTGAGGGACCCCTGACTTTGTTGGGACACACCGAGCT
 GGAAGTGCAGAGATGATCCTGGAGCATGCCCGCCATGGGGGAAAGGCAGCTTCTCAGGTAAGTGGGAA
 CAGGATGTGAAGCTGTTTCTCAGGGCCCTGGAGTCTTTTCTCCAACCTCCACCTCAGCAGTTCAGCCAG
 CGGGAAGTGCAGGTGCATGCCTGGAACGGGGAGCGGGAGGCATGGCTGAAGAGAGTGGCTTGGAGAG
 AGAGGTTACGCGCTGGACAAGCAGGGCTGCCCGGACTACAAGATCCAGCATCATGGGCATCGGGTCTG
 CAGCGACTGGAGCTGAGGCGTCAGCAGGCTCCAGAGCGAGAAGCTCCAGGCGTAGAACAGAGGATACAGG
 AAGTGAGGGGAGAACATCCGACGGGCACAGGTGAGCCAAGTGAAGGGGGCCCGCCGTTGGCCCTGCTACA
 GGAGGCTGGCCTCGATGTGCAGCGGTGGCTGAAGCCAGCCATGACCCAAGCCAGGATGAAGTGGAAACAG
 GAGCGACGACTTAGTGAAGCTCGACTTTCCAGAGGGACCTCTCTCCACAGCTGAGGATGCTGAGCTTT
 CTGACTTCGACGAATGTGAGGAGGCTGGGGAGCTTTTGGAGAGCCTGCCACCAGCCCTGGCCACCAG
 AGCCCTTCCCTGCCCTGCCATGTAGTGTGGCTATCAGGCAGGACGTGAGGACGAGCTGACTATCACA
 GAGGGTGAAGTGGCTGGAGGTCATAGAGGAAGGAGATGCTGATGAATGGGTTAAGGCTCGGAACAGCATG
 GTGAAGCAGGCTTTGTTCTGAACGATATCTCAACTCCCGGATCTCTCCCTTCTGAGAGCAGCCATGG
 CAGCGACAATCCCTCAGGAGCAGAGCCACAGCATTCTTGGCACGTGCTCTGTACAGCTACATAGGACAG
 AGTGAAGAGGAGTAAAGTTTTCTGAAGGGGCACTCATCCGCTGTTGCCAGGGCTCAAGATGGAGTGG
 ACGATGGCTTCTGGAGGGGAGAATTTGGGGGCATGTTGGAGTCTCCCATCTCTCTGTTAGAGGAACT
 GCTTGGTCCCCGGGGCCACCTGAACTCTTGACCCTGAACAGATGCTGCCATCCCTTCTCTCCACAGC
 TTCTCCCTCTCTGCACCCACCTGTGCCTTGGACAGATCCCTGCACCTGCTCTGCCTTCTGACAAAGTCA
 TAGACTGCCCTGGACCCCTAGACATGATGGTGCCTCGACTCAGGCCGATGCGTCCACCACCTCCCCACC
 AGCCAAAGCCCGGATCCTGGTCATCCCGATCCTCACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001109881

Insert Size: 2073 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:	<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_001109881.1, NP_001103351.1</u>
RefSeq Size:	4268 bp
RefSeq ORF:	2073 bp
Locus ID:	307482
Cytogenetics:	18p11