

Product datasheet for **MC220546**

Fchsd1 (NM_175684) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fchsd1 (NM_175684) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fchsd1
Synonyms:	A030002D08Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220546 representing NM_175684
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCAGCCGCGCCCGAAAAGTGAAGCCAGCCAGGAGGTTAACTTCGCTTTTGGAGCAGCTGAGCA
 TCCTTCAGACCCGCGCAGCAGAGGGAGGCGGATCTACTGGAGGACATCAGATCTTACAGCAAGCAAAGGGC
 AGCCATTGAACGGGAGTATGGCCAGGCCCTCCAGAAGCTGGCTGGGCCATTCTGAAGAGAGAAGGGCAG
 CGGAGTGGAGAGGCAGACAGCAGGACAGTGTGGTGCCTGGCGTGCCTTCTGGATGCCACTGTGGCTG
 GAGGCCAAACCAGACTCCAGGCGTCTGACCGATATCGCGACCTAGCAGGGGGTACTGGGAGAAGCGCCAA
 GGAGCAGGTGCTTAGAAAGGGGACAGAGAGCCTCCAGCAGGCACAGGCTGAGGTGTTACAGTCTGTCCGG
 GAGCTGAGCCGAAGTCGGAAGCTCTATGGGCAGCGACAGCGTGTATGGGCCTTGGCCAGGAGAAGGCAG
 CTGATGTCCAGGCCAGGCTGAACCGAAGTGACCATGGGATCTTCCATTCTCGACACGCCTCCAGAACT
 GAGCACCAGCTGTCTGCCAGTCAGCCAGTATCCAGCAGCTGAGAGCAGCCGCAATGAGTACCTG
 CTAATTTGGTGGCCACCAATGCTCACCTTGCCACTACTACCAAGAGGAATTGCCAGCACTGCTCAAGG
 TCCTGGTAAGTGAGCTGTGAGAATACTTGAAGGACCCCTGACTTACTGGGACACACAGAGCTGGAAAGC
 TGGCGAGATGATCCTGGAGCATGCCCGCATGGGGGAAGGCAACGTCTCAGGTAAGTGGGAACAAGAT
 GTGAAGCTGTTTCTCAGGGGCTGGAGTCTTTCTCCACCCACCTCAGCAGTTCAGCCGGCAGGGG
 CTGATCAGGTATGTGGCCTGGAGTGGGGAGCAGGAGGCATGGCTGGAGAGAGTGGCTGGAGAAAGAGGT
 TCAGCGCTGGACAAGCAGGGCTGCCCGGACTACAAGATCCAGCATCACGGGCATCGGGTCTGCAGCGA
 CTGGAGCAGAGGGCTCAGCAGGCCCGGGGCGAGAAGCTCCAGGCGTGAACAGCGGCTACAGGAAGTGA
 GGAGAACATCCGACGGGCACAGGTGAGCCAGGTGAAAGGGGCCCGCCGGCTGGCCCTGTTACAGGAGGC
 TGGTCTCGATGTACAGCGCTGGCTGAAGCCAGCCATGACCCAAGCCAGGATGAGGTGGAACAGGAGCGG
 CGACTTAGTGAAGCTCGACTGTCCAGAGGACCTCTCTCCACGGCTGAGGATGCTGAGCTTTCTGACT
 TCGATGAATGTGAGGAAGCTGGGGAGCTTTTGAAGAGCCTGCCACCAGCCCTGGCTACCAGACCCCT
 CCCCTGCCCTGCACATGTAGTGTTCGGCTATCAGGCAGGACGTGAGGATGAGCTGACCATCACAGAGGGT
 GAGTGGCTGGAGGTCATAGAGGAAGGAGATGCTGACGAGTGGGTTAAGGCTCGGAACCAGCACGGTGAAG
 CGGGCTTTGTCCCTGAGCGATATCTCAACTCCCGGATCTCTCCCTGCCTGAGAGCTGCCATGCCATCGA
 CAATCCCTCAGGAGGAGAGCCCACAGCATTCTTGGCACGCGCTCTGTACAGCTACACGGGACAGAGTGAA
 GAGGAGCTAAGTTCCCTGAAGGGGCACCTATCCGCTGTGCCAGGGCTCAAGATGGAGTGGATGATG
 GCTTCTGGAGGGGAGAATTTGGGGGCCATGTTGGAGTCTCCCATCTCTCTGTTAGAGGAACTGCTTGG
 TCCCCCGGGGCCACCTGAGCTCTCTGACCCTGAACAGATGCTGCCGTCCCTTCTCTCCAGCTTCTCC
 CCTCTGCACCCACCTGTGCCTTGGACGGATCTACTGCGCCTGCTCTGCCTTCTGACAAAGTCTTGGACT
 GCCCTGGACCCCTAGACATGATGGTGCCTCGACTTAGGCCGATGCGTCCACCACCTCCCCACCAGCCAA
 AGCCCCGACCCCTGGTCATCCCGATCCTCTCACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_175684
- Insert Size:** 2067 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_175684.4](#), [NP_783615.2](#)

RefSeq Size: 4227 bp

RefSeq ORF: 2067 bp

Locus ID: 319262

UniProt ID: [Q6PFY1](#)

Cytogenetics: 18 B3

Gene Summary: Promotes actin polymerization mediated by SNX9 and WASL.[UniProtKB/Swiss-Prot Function]