

Product datasheet for **RR217111**

Fchsd1 (NM_001109881) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>RR217111 representing NM_001109881
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGCCGCGCCCGAAAAGTGAAGCCAGCCAGGAGGTGAACTTCGCTTTTGGAGCAGCTGAGTA
 TCCTTCAGACCCGACAACAGAGGGAGGCGGATCTACTGGAAGACATCAGATCCTACAGCAAGCAGAGGGC
 AGCCATTGAACGGGAGTATGGCCAGGCACTCCAGAACTGGCCGGGCATTCTCTGAAGAGAGAAGGGCAG
 CGAAGTGGGGAGGTAGACAGCAGGGCTAGGACAGTGTGGTGCCTGGCGCTGCCTTCTGGATGCCACTG
 TGGCTGGAGGCCAAACCCGACTTCAGGCGTCTGACCGATATCGTGACCTAGCAGGGGGTACCGGAGGAG
 TGCCAAGGAGCAGGTGCTTAGAAAGGGGACAGAGGCCTCCAGCAAGCACAGGCTGAGGTGCTACAGTCC
 GTCGGGAGCTGAGCCGAAGCCGAAGCTCTATGGGCAGCGAGAGCGAGTGTGGGCTTGGCACAGGAGA
 AGGCAGCCGATGTCAGGCCAGGCTGAACCGAAATGACCATGGGATCTTCCACTCTCGACAGCCCTCCA
 GAACTGAGCACCAAGCTGTCCGCCAGTCAGCCAGTATCCAGCAGCTGAGAGCAGCCCGCAACGAG
 TACCTGTAAATTTGGTGGCCACCAATGCTCACCTTGCCATTACTACCAAGAGGAATTGCCAGCACTGC
 TCAAGGTCTGGTAAGTGAGCTGTCCGAGTACTTGAGGGACCCCTGACTTTGTTGGGACACACCGAGCT
 GGAAGTGCAGAGATGATCCTGGAGCATGCCCGCCATGGGGGGAAGGCAGCTTCTCAGGTAAGTGGGAA
 CAGGATGTGAAGCTGTTTCTCAGGGCCCTGGAGTCTTTTCTCCAACCTCCACCTCAGCAGTTCAGCCAG
 CGGGAAGTGCAGGTGCATGCCTGGAACGGGGAGCGGGAGGCATGGCTGAAGAGAGTGGCTTGGAGAG
 AGAGGTTAGCGCTGGACAAGCAGGGCTGCCCGGACTACAAGATCCAGCATCATGGGCATCGGGTCTG
 CAGCGACTGGAGCTGAGGCGTCAAGCAGGCTCCAGAGCGAGAAGCTCCAGGCGTGAACAGAGGATAACAG
 AAGTGAGGGGAGAACATCCGACGGGCACAGGTGAGCCAAGTGAAGGGGGCCCGCGTTGGCCCTGTACA
 GGAGGCTGGCCTCGATGTGCAGCGGTGGCTGAAGCCAGCCATGACCCAAGCCAGGATGAAGTGGAAACAG
 GAGCGACGACTTAGTGAAGCTCGACTTTCCAGAGGGACCTCTCTCCACAGCTGAGGATGCTGAGCTTT
 CTGACTTCGACGAATGTGAGGAGGCTGGGGAGCTTTTGGAGAGCCTGCCACCAGCCCTGGCCACCAG
 AGCCCTCCCTGCCCTGCCATGTAGTGTGGCTATCAGGCAGGACGTGAGGACGAGCTGACTATCACA
 GAGGGTGAGTGGCTGGAGGTCATAGAGGAAGGAGATGCTGATGAATGGGTTAAGGCTCGGAACCAGCATG
 GTGAAGCAGGCTTTGTTCTGAACGATATCTCACTTCCCGATCTCTCCCTTCTGAGAGCAGCCATGG
 CAGCGACAATCCCTCAGGAGCAGAGCCACAGCATTCTTGGCACGTGCTCTGTACAGCTACATAGGACAG
 AGTGAAGAGGAGTTAAGTTTTCTGAAGGGGCACTCATCCGCTGTTGCCAGGGCTCAAGATGGAGTGG
 ACGATGGCTTCTGGAGGGGAGAATTTGGGGGCATGTTGGAGTCTCCCATCTCTCTGTTAGAGGAACT
 GCTTGGTCCCCGGGCCACCTGAACTCTTGACCCTGAACAGATGCTGCCATCCCTTCTCTCCACAGC
 TTCTCCCTCTGACCCACCTGTGCCTTGACAGATCCCTGCACCTGCTCTGCCTTCTGACAAAGTCA
 TAGACTGCCCTGGACCCCTAGACATGATGGTGCCTCGACTCAGGCCGATGCGTCCACCACCTCCCCACC
 AGCCAAAGCCCCGGATCTGGTCATCCCGATCCTCTCACT

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR217111 representing NM_001109881
Red=Cloning site Green=Tags(s)

MQPPPRKVKPAQEVKLRFLLEQLSILQTRQQREADLLEDIRSYSKQRAAIEREYQGALQKLAGPFLKREGQ
 RSGEVDSRARTVFGAWRCLLDATVAGGQTRLQASDRYRDLAGGTGRSAKEQVLRKGTESLQQAQAEVLQS
 VRELSRSRKL YGQRERWALAQEKAADVQARLNNDHGI FHSRTSLQKLSTKLSAQSAQYSQQLRAARNE
 YLLNLVATNAHLAHYYQEELPALLKVLVSELSEYLRDPLTL LGHTELEAAEMILEHARHGKKAASQVNWE
 QDVKLF LQGPVFSPTPPQFQPAGTDQVHALERGAGGMAEESGLEREVQRWTSRAARDYKIQHHGHRVL
 QRLELRQAPEREAPGVEQRIQEVRNIRRAQVSQVKGAARLALLQEAGLDVQRWLKPAMTQAQDEVEQ
 ERRLSEARLSQRDLSPTAEDAELSDFDECEEAGELFEPPAPPALATRALPCPAHVVFYQAGREDELIT
 EGEWLEVEEGDADEWVKARNQHGEAGFVPERYLNFPDLSLPESHGSDNPSGAEP AFLARALYSYIGQ
 SEEELSFPEGALIRLLPRAQDGVDDGFWRGEFGGHVGVFPSLLVEELLGPPGPPELSDPEQMLPSPSPSS
 FSPAPTALDRSPAPALPSDKVIDCPGLDMMVPRLRPMRPPPPPPAKAPDPGHPDPLT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001109881

ORF Size: 2070 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001109881.2](#)

RefSeq Size: 4268 bp

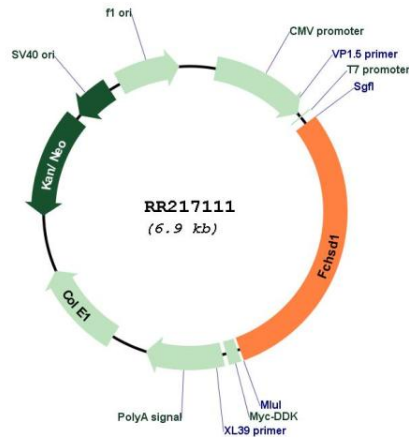
RefSeq ORF: 2073 bp

Locus ID: 307482

Cytogenetics: 18p11

MW: 76.8 kDa

Product images:



Circular map for RR217111