

Product datasheet for **SC305637**

FCHSD1 (NM_033449) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FCHSD1 (NM_033449) Human Untagged Clone
Tag:	Tag Free
Symbol:	FCHSD1
Synonyms:	NWK2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



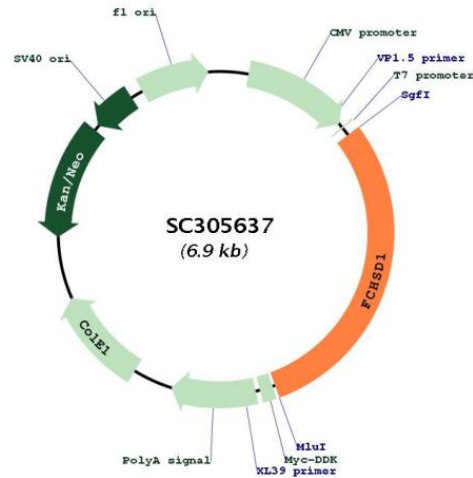
[View online »](#)

Fully Sequenced ORF: >SC305637 representing NM_033449.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGCAGCCGCCGCCCGAAAAGTGAAGCCGCCAGGAGGTGAAGCTTCGCTTCCTGGAACAGCTGAGC
ATCCTTCAGACCTGGCAGCAGAGGGAGGGGATCTGCTGGAGGACATCAGATCCTACAGCAAGCAGAGG
GCAGCCATTGAACGGGAGTATGGGCAGGCACTCCAGAACTGGCTGGCCATTCTGAAGAGGGAAGGG
CACCGGAGCGGTGAGATGGACAGCAGGGCAGGACAGTGTTCGGTGCCTGGCGCTGCCTGCTGGATGCC
ACCGTGGCTGGGGCCAAACCCGACTCCAGGCGTCTGACCGATACCGTGACCTAGCAGGGGTACAGGG
CGGAGCGCAAGGAGCAGGTGCTTAGGAAGGGAACAGAGAACCTCCAGAGGGCGCAGGCTGAGGTGCTG
CAGTCTGTCCGGGAGCTGAGCCGAAGTCGGAAGCTGTATGGGCAGCGGAACTGTGTGGCCCTGGCA
CAGGAGAAGGCGGCTGATGTCCAGGCCAGGCTAAACCGAAGTGACCATGGGATCTTCCACTCTCGGACC
AGTCTCCAGAACTGAGCACCAAGCTGTCCGCCAGTCAAGCCAGTACTCCAGCAGCTGCAAGCAGCC
CGCAATGAGTACCTGCTTAACCTGGTGGCTACCAATGCCACCTCGACCATTACTACCAGGAGGAACTG
CCAGCTCTGCTCAAGGCCCTGGTCAGTGAAGTGTGAGGCACTTGAAGGACCCCTGACCTCCCTGAGC
CACACTGAGCTGGAAGCCGCAGAGGTATCCTGGAGCATGCCACCGCGGGGAGCAGACAACCTCCCAG
GTAAGCTGGGAGCAAGACCTGAAGCTGTTTCTTCAGGAGCCTGGTGTATTTCCCCACCCACCTCAG
CAGTTTACGCCAGCAGGGACTGATCAGGTGTGTCTGGAGTGGGGAGCAGAAGGCGTGGCTGGCAAG
AGTGGCCTGGAGAAAGAGGTTACAGCGCTTGACCAGCCGAGCTGCCCGTGACTACAAGATCCAGAACCAT
GGGCATCGGGTACTGCAACGACTGGAGCAGAGGGCGCAGCAGGCTTCAGAGCGGGAGGCTCCAAGCATA
GAACAGAGGTTACAGGAAGTGCAGAGAGCATCCGCCGGGCACAGGTGAGCCAGGTGAAGGGGGCTGCC
CGGCTGGCCCTGCTGCAGGGGGCTGGCTTAGATGTGGAGCGCTGGCTGAAGCCAGCCATGACCCAGGCC
CAGGATGAGGTGGAGCAGGAGCGGGCTCAGTGAAGTGTGGCTCGGCTGCCAGAGGGACCTCTCTCAACC
GCTGAGGATGCTGAGCTTTCTGACTTTGAGGAATGTGAGGAGACGGGAGAGCTCTTTGAGGAGCCTGCC
CCCAAGCCCTGGCCACGAGGGCCCTCCCTGCCCTGCACACGTGGTATTTGCTATCAGGCAGGGCGT
GAGGATGAGCTGACAATCACGGAGGGTGAAGTGGCTGGAGGTCATAGAGGAGGGAGATGCTGACGAATGG
GTCAAGGCTCGGAACCAGCACGGCGAGGTAGGCTTTGTCCCTGAGCGATATCTCAACTTCCCGGACCTC
TCCCTCCAGAGAGCAGCAAGACAGTGAACAATCCCTGCGGGGCAGAGCCACAGCATTCTGGCACAG
GCCCTGTACAGCTACACCGGACAGAGTGCAGAGGAGCTGAGCTTCCCTGAGGGGGCACTCATCCGTCTG
CTGCCCCGGGCCAAGATGGAGTAGATGACGGCTTCTGGAGGGGAGAATTTGGGGCCGTGTTGGGGTC
TTCCCTCCCTGCTGGTGAAGAGCTGCTTGGCCCCCAGGGCCACCTGAACTCTCTGACCTGAACAG
ATGCTGCCGTCCCTTCTCCTCCAGCTTCTCCACCTGCACCTACCTCTGTGTTGGATGGGCCCCCT
GCACCTGTCTGCCTGGGGACAAAGCCCTGGACTTCCCTGGGTTCTGGACATGATGGCACCTCGACTC
AGGCCGATGCGTCCACCACCTCCCCCGGGCTAAAGCCCCGGATCTGGCCACCAGATCCCCTCACC
TGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_033449

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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_033449.2](#)

RefSeq Size: 4333 bp

RefSeq ORF: 2073 bp

Locus ID: 89848

UniProt ID: [Q86WN1](#)

Cytogenetics: 5q31.3

MW: 76.9 kDa

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