

Product datasheet for **SC327671**

FCHO1 (NM_001161358) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FCHO1 (NM_001161358) Human Untagged Clone
Tag:	Tag Free
Symbol:	FCHO1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001161358, the custom clone sequence may differ by one or more nucleotides

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ATGTCGTATTTTGGGGAGCATTTCCTGGGCGAGAAAAATCATGGCTTTGAGGTCCTGTAC
CACAGCGTGAAGCAGGGGCCATCTCCACCAAGGAGCTGGCGGACTTCATCCGGGAGAGG
GCCACCATCGAGGAGACCTACTCGAAGGCGATGGCGAACTCTCCAAGCTGGCCAGCAAC
GGGACCCCATGGGGACCTTCGCCCCGCTCTGGGAGGTCTTCGCGTCTCCTCGGACAAG
CTGGCGCTGTGCCACCTGGAAGTACACGGAAGTTACAGGATCTCATCAAGGACGTTCTC
CGCTACGGCGAGGAACAGCTCAAGACCCACAAGAAGTGCAAGGAGGAAGTGGTGAGCACC
TTGGATGCTGTGCAGGTACTCTCGGGCGTCAGCCAGCTCCTGCCAAGTCCCGCGAGAAC
TACCTGAACCGTTGCATGGACCAGGAGCGGCTGCGGAGGGAGAGTACCAGCCAGAAGGAG
ATGGACAAGGCGGAGACTAAAACCAAGAAGGCGGCAGAGAGCCTGCGGCGCTCAGTGAA
AAATAACAACCTAGCCCGAGCTGACTTTGAGCAGAAGATGCTGGACTCAGCCCTGCGCTTC
CAAGCCATGGAGGAGACACACCTGAGGCACATGAAGGCACTGCTGGGCTCATATGCTCAC
TCGGTGGAGGACACGCACGTGCAGATTGGGCAGGTGCATGAGGAATTTAAGCAGAACATC
GAGAACGTGAGCGTGGAGATGCTACTCAGGAAGTTTGAGAGAGTAAGGGCACAGGCCGG
GAGAAGCCTGGACCTCTGGACTTCGAGGCATACAGTGCAGCTGCCCTGCAGGAAGCGATG
AAACGTTTGGGGGAGCCAAGGCCCTTCGCTTCCAGGACTAAGCCGGCGGGAGCGGGAG
CCAGAGCCACCTGCAGCTGTAGATTTCTGGAGCCCGATTAGGGACATGTCCAGAGGTG
GATGAAGAAGGTTTCACTGTCCGGCCTGATGTGACCCAGAACAGCACGGCCGAGCCCTCC
CGTTTCTCGTCCAGCGACTCCGACTTCGACGATGAAGAGCCCCGCAAGTTCTATGTGCAC
ATCAAGCCTGCCCCGCGCCGGCTCCAGCCTGCAGCCCCGAGGCAGCAGCGGCACAGCTC
AGGGCCACCGCGGGCAGCCTCATCTTCTCCTGCCCCAGGGGGCACCATGAAACGCCAT
TCTTCACGGGACGCTGCTGGGAAACCCAGAGACCTCGGTCTGCCCCAGAACGACGAGC
TGTGCAGAGAGATTGCACTGAGAGGAGCAGGTGTCCAAGAACCTTTTGGGCCGCCCTG
GAGTCAGCCTTTGACCACGAAGATTTTACAGGCTCTAGCAGCCTGGGCTTACCTCCAGC
CCCTCCCTTTCTCCTCCTCGTCCGCCGAAAACGTGGAGGATTCCGGCCTGGACTCTCCG
TCCACGCGGCACCTGGCCCTCCCCAGATTCTGGGTCCCCCGCCAGGCACCCCGCAG
AGCCCCGCCAGCTGTAGGGCGCCACCCAGAGGCCAGGGGTATCCGGGCACCGCCTCTG
CCAGACTCGCCGAGCCCTCGCTCTGCTCCAGGCCCTGGGGCTGGAGGCCTTGGCC
GGAGGAGACCTGATGCCTGCACCTGCTGACCCACAGCCAGGGAGGGCCTGGCAGCCCCA
CCCAGGAGACTTCGCTCTAGGAAGGTGCTGCTGCTCTCACACGTAGCAATGGGACCTG
TCTCGTTCCCTGAGCCCCCTCCCACTGGGCTCTTACGCCGCCAGCACTGCCTTGAACGG
CCCAGCTTCTTATCCAGACAGGACACGGAGTCTCCCGGGGTCCGAGCCCTGTGGTCTG
GGCTCCCAGGATGCCCTGCCCATAGCCACAGCCTTACAGAGTATGTCCACGCCTACTTC
CGTGGCCACAGCCCCAGCTGCCTGGCTCGAGTAAGTGGGAGCTGACCATGACCTTCCCT
GCTGGCATCGTGCGTGTGTTAGCGGGACCCACCAACCTGTCTCAGCTTCCGGCTT
GTACACACAACCGCTATTGAGCACTTCCAGCCCAACGCCGATCTGCTGTTCAAGTACCCC
TCCAGAGTGACCCTGAGACCAAGACTTCTGGCTCAACATGGCAGCTCTGACCGAAGCC
CTGCAGCGCCAGGCAGAGCAGAACCCCACTGCCTCCTACTACAACGTGGTGTCTGCTGCGA
TACCAGTTCTCCCGCCGGGTCCCAAGTCTGTGCTCTGCAGCTCAGTGCCCACTGGCAG
TGTGGAGCCACCTCACCCAGGTCTCAGTGGAGTACGGTACCGGCCCGGTGCCACGGCT
GTGCCCACACCACTCACGAACGTCCAGATCCTGCTGCCTGTGGGGGAGCCTGTGACCAAC
GTCCGCTTGACGCGGCTGCCACCTGGAACCTGGAGGAGAAGCGGCTCACTTGGAGGCTT
CCAGATGTGTCCGAGGACGGGCTTCTGGCCGCTCTCTGCCAGCTGGGAGCCGCTCTCA
GGGCCCAGCACACCCAGCCCCGTGGCTGCACAGTTCACCAGCGAGGGGACCACTCTGTGCG
GGCGTGGACTTGAAGTGGTGGGACGGGTTACCGCATGTGCTGGTGAAGAGGAGGTTT
GCCACAGGATGTACCTGGTGAGCTGC

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Restriction Sites: Please inquire

ACCN: NM_001161358

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:	<u>NM_001161358.1, NP_001154830.1</u>
RefSeq Size:	3131 bp
RefSeq ORF:	2670 bp
Locus ID:	23149
UniProt ID:	<u>O14526</u>
Cytogenetics:	19p13.11
Gene Summary:	Functions in an early step of clathrin-mediated endocytosis. Has both a membrane binding/bending activity and the ability to recruit proteins essential to the formation of functional clathrin-coated pits. May regulate Bmp signaling by regulating clathrin-mediated endocytosis of Bmp receptors.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR and uses an alternate splice site in the 3' coding region compared to variant 1, that results in a frameshift. The resulting isoform (b) has a shorter and distinct C-terminus compared to isoform a. Both variants 2 and 3 encode the same isoform (b).