

Product datasheet for **SC327662**

FCHO1 (NM_001161359) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FCHO1 (NM_001161359) 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_001161359, the custom clone sequence may differ by one or more nucleotides

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ATGGCGAAACTCTCCAAGCTGGCCAGCAACGGGACCCCATGGGGACCTTCGCCCCGCTC
TGGGAGGTCTTCCGCGTCTCCTCGGACAAGCTGGCGCTGTGCCACCTGGAAGTACACGG
AAGTTACAGGATCTCATCAAGGACGTTCTCCGCTACGGCGAGGAACAGCTCAAGACCCAC
AAGAAGTGCAAGGAGGAAGTGGTGAGCACCTTGGATGCTGTGCAGTACTCTCGGGCGTC
AGCCAGTCTCTGCCAAGTCCCGCGAGAACTACCTGAACCGTTGCATGGACCAGGAGCGG
CTGCGGAGGGAGAGTACCAGCCAGAAGGAGATGGACAAGGCGGAGACTAAACCAAGAAG
GCGGCAGAGAGCCTGCGGCGCTCAGTGGAAAAATACAACCTCAGCCCGAGCTGACTTTGAG
CAGAAGATGCTGGACTCAGCCCTGCGCTTCCAAGCCATGGAGGAGACACACCTGAGGCAC
ATGAAGGCACTGCTGGGCTCATATGCTCACTCGGTGGAGGACACGCACGTGCAGATTGGG
CAGGTGCATGAGGAATTAAGCAGAATCGAGAACGTGAGCGTGGAGATGCTACTCAGG
AAGTTTGAGAGAGTAAGGGCACAGGCCGGGAGAAGCCTGGACCTCTGGACTTCGAGGCA
TACAGTGGGCTGCCCTGCAGGAAGCGATGAAACGTTTGGGGGAGCCAAGGCCTTTCGC
CTTCCAGGACTAAGCCGGCGGGAGCGGAGCCAGAGCCACCTGCAGCTGTAGATTTCCTG
GAGCCCGATTGAGGACATGTCCAGAGGTGGATGAAGAAGGTTTCACTGTCCGGCCTGAT
GTGACCCAGAACAGCACGGCCGAGCCCTCCCGTTTCTCGTCCAGCGACTCCGACTTCGAC
GATGAAGAGCCCCGAAGTTCTATGTGCACATCAAGCCTGCCCGGCCGGGCTCCAGCC
TGCAGCCCGAGGCGAGCAGCGGCACAGCTCAGGGCCACCGCGGCGAGCCTCATCTTCT
CCTGGCCAGGGGGACCATGAAACGCCATTCTTACGGGACGCTGCTGGGAAACCCAG
AGACCTCGGTCTGCCCCAGAACCAGCAGCTGTGCAGAGAGATTGCAGTCAGAGGAGCAG
GTGTCCAAGAACCTCTTTGGGCCGCCCTGGAGTCAGCCTTTGACCACGAAGATTTACA
GGCTCTAGCAGCTGGGCTTACCTCCAGCCCCCTCCCTTTCTCTCTCTGTCGCCGGA
AACGTGGAGGATTCCGGCCTGGACTCTCCGTCCACGCGGACCTGGCCCTCCCGAGAT
TCTGGGTCCCCCGCCAGGCACCCGAGAGCCCGCCAGCTGTAGGGCGCCACCCCCA
GAGGCCAGGGGTATCCGGGCACCGCCTCTGCCAGACTCGCCGAGCCCTCGCCTCGTCT
CCAGGCCCTGGGGCTGGAGGCCTTGGCCGAGGAGACCTGATGCCTGCACCTGCTGAC
CCCACAGCCAGGAGGGCTGGCAGCCCCACCCAGGAGACTTCGCTCTAGGAAGGTGTC
TGCCCTCTCACAGTAGCAATGGGACCTGTCTCGTTCCTGAGCCCTCCCACTGGGC
TCTTCAGCCGCCAGCACTGCCTTGAACGGCCAGCTTCTATCCCAGACAGGACACGGA
GTCTCCCGGGGTCCGAGCCCTGTGGTCTGGGCTCCAGGATGCCCTGCCCATAGCCACA
GCCTTCACAGAGTATGTCCACGCCTACTTCCGTGGCCACAGCCCACTGCCTGGCTCGA
GTAAGTGGGAGCTGACCATGACCTTCCCTGCTGGCATCGTGCCTGTGTTAGCGGGACC
CCACCACCACTGTCTCAGCTTCCGGCTTGTACACACAACCGCTATTGAGCACTTCCAG
CCCAACGCCGATCTGCTGTTCACTGACCCCTCCAGAGTGACCTGAGACCAAAGACTTC
TGGCTCAACATGGCAGCTCTGACCGAAGCCCTGCAGCGCCAGGAGAGCAGAAACCCACT
GCCTCTACTACAACGTGGTGTCTGCGATACCACTTCTCCCGCCGGGTCCCACTGT
GTGCTCTGCAGCTCAGTGCCCACTGGCAGTGTGGAGCCACCTCACCCAGGTCTCAGTG
GAGTACGGCTACCGGCCCGGTGCCACGGCTGTGCCACACCACTCACGAACGTCCAGATC
CTGCTGCCTGTGGGGAGCCTGTGACCAACGTCCGCTTGAGCCGGCTGCCACCTGGAAC
CTGGAGGAGAAGCGGCTCACTTGGAGGCTTCCAGATGTGTCCGAGGCAGGCGGTTCTGGC
CGCCTCTCTGCCAGTGGGAGCCGCTCTCAGGGCCAGCACACCCAGCCCGTGGCTGCA
CAGTTACACAGCGAGGGGACCACTCTGTGCGGCGTGGACTTGAAGTGGTGGGACGCGT
TACCGCATGTGCTGGTGAAGAGGAGGTTGCCACAGGGATGTACCTGGTGGAGCTGC

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Restriction Sites: Please inquire

ACCN: NM_001161359

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_001161359.1</u> , <u>NP_001154831.1</u>
RefSeq Size:	3061 bp
RefSeq ORF:	2520 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 (4) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon, compared to variant 1. This variant (4) also uses an alternate splice site in the 3' coding region compared to variant 1, that results in a frameshift. The resulting isoform (c) is shorter and has a distinct C-terminus compared to isoform a.