**OriGene Technologies, Inc.**
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

# Product datasheet for RC227873

## FIBCD1 (NM_001145106) Human Tagged ORF Clone

### Product data:

| | |
|---|---|
| **Product Type:** | Expression Plasmids |
| **Product Name:** | FIBCD1 (NM_001145106) Human Tagged ORF Clone |
| **Tag:** | Myc-DDK |
| **Symbol:** | FIBCD1 |
| **Mammalian Cell Selection:** | Neomycin |
| **Vector:** | pCMV6-Entry (PS100001) |
| **E. coli Selection:** | Kanamycin (25 ug/mL) |



View online »

**ORF Nucleotide Sequence:**

>RC227873 representing NM_001145106
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGTCAACGACCGGTGGAAGACCATGGGCGGCGCTGCCCAACTTGAGGACCGGCCGCGCGACAAGCCGC
AGCGGCCGAGCTGCGGCTACGTGCTGTGCACCGTGCTGCTGGCCCTGGCTGTGCTGCTGGCTGTAGCTGT
CACCGGTGCCGTGCTCTTCCTGAACCACGCCCACGCGCCGGGCACGGCGCCCCCACCTGTCGTCAGCACT
GGGGCTGCCAGCGCCAACAGCGCCGTGGTCACTGTGGAAAGGGCGGACAGCTCGCACCTCAGCATCCTCA
TTGACCCGCGCTGCCCCGACCTCACCGACAGCTTCGCACGCCTGGAGAGCGCCCAGGCCTCGGTGCTGCA
GGCGCTGACAGAGCACCAGGCCCAGCCACGGCTGGTGGGCGACCAGGAGCAGGAGCTGCTGGACACGCTG
GCCGACCAGCTGCCCCGGCTGCTGGCCCGAGCCTCAGAGCTGCAGACGGAGTGCATGGGGCTGCGGAAGG
GGCATGGCACGCTGGGCCAGGGCCTCAGCGCCCTGCAGAGTGAGCAGGGCCGCCTCATCCAGCTTCTCTC
TGAGAGCCAGGGCCACATGGCTCACCTGGTGAACTCCGTCAGCGACATCCTGGATGCCCTGCAGAGGGAC
CGGGGGCTGGGCCGGCCCCGCAACAAGGCCGACCTTCAGAGAGCGCCTGCCCGGGGAACCCGGCCCCGGG
GCTGTGCCACTGGCTCCCGGCCCCGAGACTGTCTGGACGTCCTCCTAAGCGGACAGCAGGACGATGGCGT
CTACTCTGTCTTTCCCACCCACTACCCGGCCGGCTTCCAGGTGTACTGTGACATGCGCACGGACGGCGGC
GGCTGGACGGTGTTTCAGCGCCGGGAGGACGGCTCCGTGAACTTCTTCCGGGGCTGGGATGCGTACCGAG
ACGGCTTTGGCAGGCTCACCGGGGAGCACTGGCTAGGGCTCAAGAGGATCCACGCCCTGACCACACAGGC
TGCCTACGAGCTGCACGTGGACCTGGAGGACTTTGAGAATGGCACGGCCTATGCCCGCTACGGGAGCTTC
GGCGTGGGCTTGTTCTCCGTGGACCCTGAGGAAGACGGGTACCCGCTCACCGTGGCTGACTATTCCGGCA
CTGCAGGCGACTCCCTCCTGAAGCACAGCGGCATGAGGTTCACCACCAAGGACCGTGACAGCGACCATTC
AGAGAACAACTGTGCCGCCTTCTACCGCGGTGCCTGGTGGTACCGCAACTGCCACACGTCCAACCTCAAT
GGGCAGTACCTGCGCGGTGCGCACGCCTCCTATGCCGACGGCGTGGAGTGGTCCTCCTGGACCGGCTGGC
AGTACTCACTCAAGTTCTCTGAGATGAAGATCCGGCCGGTCCGGGAGGACCGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

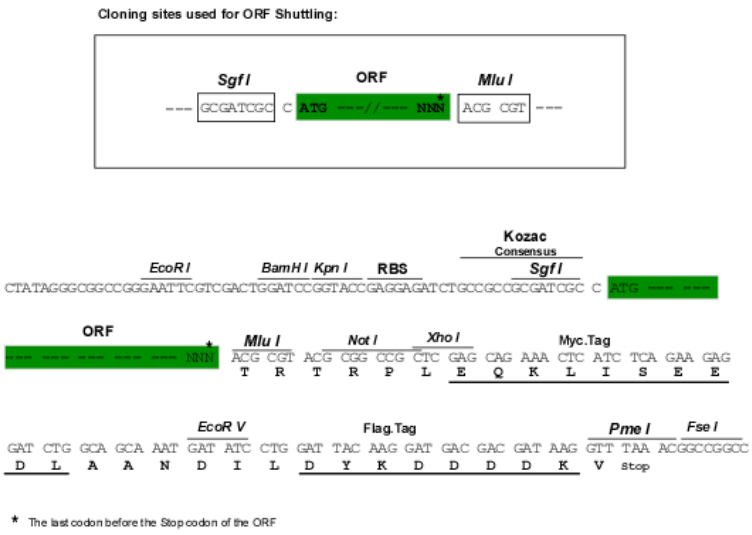
>RC227873 representing NM_001145106
Red=Cloning site Green=Tags(s)

MVNDRWKTMGGAAQLEDRPRDKPQRPSCGYVLCTVLLALAVLLAVAVTGAVLFLNHAHAPGTAPPPVVST
GAASANSAVVTVERADSSHLSILIDPRCPDLTDSFARLESAQASVLQALTEHQAQPRLVGDQEQELLDTL
ADQLPRLLARASELQTECMGLRKGHGTLGQGLSALQSEQGRLIQLLSESQGHMAHLVNSVSDILDALQRD
RGLGRPRNKADLQRAPARGTRPRGCATGSRPRDCLDVLLSGQQDDGVYSVFPTHYPAGFQVYCDMRTDGG
GWTVFQRREDGSVNFFRGWDAYRDGFGRLTGEHWLGLKRIHALTTQAAYELHVDLEDFENGTAYARYGSF
GVGLFSVDPEEDGYPLTVADYSGTAGDSLLKHSGMRFTTKDRDSDHSENNCAAFYRGAWWYRNCHTSNLN
GQYLRGAHASYADGVEWSSWTGWQYSLKFSEMKIRPVREDR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**




**ACCN:** NM_001145106

**ORF Size:** 1383 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_001145106.1, NP_001138578.1

**RefSeq ORF:** 1386 bp

**Locus ID:** 84929

**UniProt ID:** Q8N539

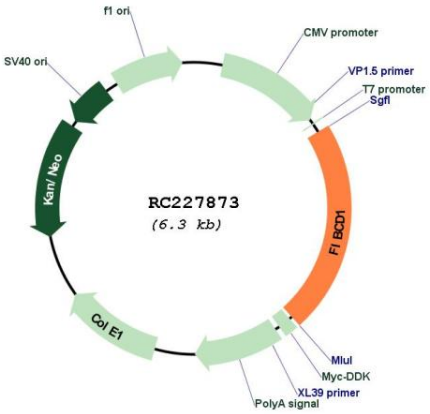
**Cytogenetics:** 9q34.12

**Protein Families:** Druggable Genome, Transmembrane

**MW:** 50.6 kDa

**Gene Summary:** FIBCD1 is a conserved type II transmembrane endocytic receptor that binds chitin and is located primarily in the intestinal brush border (Schlosser et al., 2009 [PubMed 19710473]). [supplied by OMIM, Apr 2010]

## Product images:




Circular map for RC227873