

Product datasheet for **SC214554**

ZFYVE1 (NM_178441) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	ZFYVE1
Synonyms:	DFCP1; PPP1R172; SR3; TAFF1; ZNFN2A1
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PS100062)
ACCN:	NM_178441
Insert Size:	1480 bp



Insert Sequence:

>SC214554 3'UTR clone of NM_178441

The sequence shown below is from the reference sequence of NM_178441. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
AACTGCAATAAAAAAGCCCGGTGACCTTAAACCCAGCCCCCTCTCCGAGTCCTTCACAATTCCTTAGGT
TCTCAGGGTTAGAAACAGTCTTGCGAGGTAGGCCCTCTCCAGTCACCTGCTGTGGTGTGTGCTCTCT
CCTCTCCGCATCCAGGGCCACTTTCCTCAGTGGGGGTGAGCCTGGCGGCAGGCCCGAAGGTGTGGACC
CCTCAGGGCAGGGGACCTTGCAACTTATCGCAAAGGGAATGAACCTGAATCCGTTGCATTTATTTTCAG
TTAAAAATAATGAATATATATGTGTATATCTCTCTCATATATACATATGAAAGGCACTCGGGGCGTA
TCGAGGCTGCTGCTGGCTGTGAAGACTTCGCACAGTCTCTCCGCACAGGGTGAAGTGGCAGTGGCAGC
ACGTCTTCTCATGAGCCGAGCCAGGTCCATGGCCACCACGTGGCTGGCCCCCTCTCTGCTGCTCTTG
GAGCCTTGAAGCCTCTCTGCTCTGGCTCTTCCCTCCATGCCTGTCAGCTGCCTGGGAGTGAGCCT
CCCTGGTCCTTCTGCCTGAAACAGCCTGAAGGGAATTCTCCCTAGGTCTCTGGGAGTCGAGTCCCAA
TTCTTGGCTTAAGCCTGTTTTAGTCAGAGACCACCAACTTAGCGTGCAGGTACCCGGAGTGGTGGAG
GGTCAGAGGTGGGTCTTCGGCCCTGAGAAGTAGAAATGCAGGGGCGGTGCTGTCCCTGGTCCCCCAGG
GAACAGCAAGGAAGGAAGTGAAGCTTCTCCAGCAGGGCTTCTGTCCGATGCTTCTGTCTCCACTCGG
CTTTCCCAAAGGCGGCACCCAGCTCCTCAATCGAAGCATCTGCCCTCCACCCCTCGGCCCTCAAGC
CCACCATCTGCTTCTGAGTGTGCGACTAGGATTTTATTGCTATTTTAAAGTGTCTTAATCCTTTGTT
CCCAGACACACAACCCCTCTAGCTCTCGGAGGGCGCATGAGAAACCTTCCAGGGAACTGAGCACA
GGATGAAGTGTAGTTGTTTTTAAAGTCTATATAAATTTTCAACAGATCGTAAAGAAAAATTTATC
TCTTTGGTCTTGAAGAGAAGTCAAAGGAACCTTTGTTTCTCCTCAAGAGCCTGGACATCTCTGCTG
TCATGACTGGAAAGGGCCCGTGTGCTGAAATCCTATCATCATGGTGGATTGATCTTCAGTGGCCAAA
CACGAATTAAGTATAATTCTTAAGTGAAGTGGTGGGTGGGTGAGCTTTAGGGAAGTATATGGCGGTG
ATTCCTGGTGGCCTATCGGTGTGACATGAGCCCTGGAGTGTGTCGTCCTCTCAGCCCTGCTCTCTCT
GCCTCCTGGGTCCAGTGAAGTGGGACCTACTCTAGAACTGTGTACCATCCAATTGCGCATCATAAAGG
AATCTTCTGCATCTCGAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTCTATGAAAGG
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Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

NM_178441.2

Summary:	The FYVE domain mediates the recruitment of proteins involved in membrane trafficking and cell signaling to phosphatidylinositol 3-phosphate-containing membranes. This protein contains two zinc-binding FYVE domains in tandem and is reported to localize to the Golgi apparatus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]
Locus ID:	53349
MW:	53.3