

## Product datasheet for RC217477

### FEZ2 (NM\_001042548) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FEZ2 (NM_001042548) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FEZ2
Synonyms:	HUM3CL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC217477 representing NM_001042548 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGCGGACGGGACTGGCAGGATTTCTATGAGTTCCAGGAGCCGGCCCGGAGCCTCCTGGACCAGG  
AGAAGTGTAAACGCGAGCCCCGAGCCTGGGGCGGAGGCGGGGGCCGAGGCGGGTGGGGCGCCGACGGTTT  
CCCGGCCCGCCTGCAGCTTGGAGGAGAAGCTGAGCCTGTGCTCCGCCCTCGGATCCGGGCGCCGAG  
CCCCGAGGACGGCCGTGCGGCCATCACGGAGCGCAGCCTCCTGCAGGGGACGAGATTTGGAATGCC  
TGACAGATAATTATGGGAATGTGATGCCTGTAGACTGGAAGTCATCGCATACTAGGACCTTGCACTTGCT  
TACTCTGAACCTCTCAGAAAAGGGTAAGTGACAGTTTGTCTTTGATACATCAGATGATGAAGAGCTG  
AGAGAACAGCTGGATATGCACTCAATCATCGTCTCCTGTGTTAATGATGAACCCCTTTCACGGCAGACC  
AGGTTATTGAAGAAATGAAGAAATGATGCAGGAATCACCGGACCCAGAAGATGATGAAACCCCTACACA  
GTCAGATCGGCTTTCAATGCTTTCCAGGAAATCAAACCTCAAGAGGTCTAGTACCGGAGTTATGAA  
GAGAGAGTGAAGGCTCTCAGTGTCTGAGTTAAATGAAATCCTGGAAGAAATGAGACTGCCATTAAGG  
AGTACTCTGAGGAGCTGGTGCAGCAGTTGGCTTACGAGATGAACTGGAGTTTGAAGGAAAGTGAAGAA  
CAGCTTTATTTCTGTTCTTATTGAAGTGCAAAACAGAAAGAGCACAAGAAACAGCAAAAAAGAAA  
AAGAACTAAAAATGGCAGCTCAGAATGGGAAGAATGAGAGAAGTCATATGCCCGGCACACGCTTCA  
GCATGGAAGGGATCTCAAATGTCAATCAGAATGGCCTCCGCCACACCTTTGGAAATTCAGGTGGAGAGAA  
ACAGTATTTGACTACAGTCATTCTTATGAGAAAAAACGGACACCGTCTGTTGAAGATCTTCAATA  
TTAACAAAAATCTTCGTGCCATGAAGGAGGACAGTGAAAAAGTCCGAGCTTGTTAACTGATTATATTC  
TGAAAGTTCTGTGCCTACA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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\\_001042548.2](#)

**RefSeq Size:** 2110 bp

**RefSeq ORF:** 1143 bp

**Locus ID:** 9637

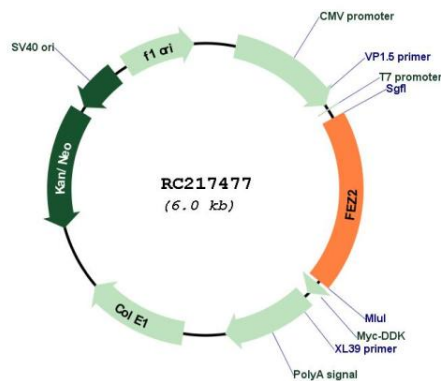
**UniProt ID:** [Q9UHY8](#)

**Cytogenetics:** 2p22.2

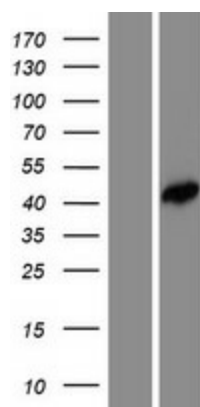
**MW:** 42.4 kDa

**Gene Summary:** This gene is an ortholog of the *C. elegans* *unc-76* gene, which is necessary for normal axonal bundling and elongation within axon bundles. Other orthologs include the rat gene that encodes *zygin II*, which can bind to synaptotagmin. [provided by RefSeq, Jul 2008]

### Product images:



Circular map for RC217477



Western blot validation of overexpression lysate (Cat# [LY420977]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC217477 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).