

Product datasheet for **RC233067**

FZD3 (NM_145866) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FZD3 (NM_145866) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FZD3
Synonyms:	Fz-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC233067 representing NM_145866
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTATGACTTGGATTGTCTTCTCTTTGGCCCTTACTGTGTTTCATGGGGCATATAGTGGGCACA
GTTTGTCTTTCTTGTGAACCTATTACCTTGAGGATGTGCCAAGATTGCCTTATAACTACTCTTCATGCC
TAATCTTCTGAATCATTATGACCAACAGACAGCAGCTTTGGCAATGGAGCCATTCCACCCTATGGTGAAT
CTGGATTGTCTCGGATTTCCGGCCTTTCTTTGTGCACTCTACGCTCTATTTGTATGGAATATGGAC
GTGTCACACTTCCTGTCGTAGGCTGTGTGAGCGGCTTACAGTGAGTGTTCGAAGCTCATGGAGATGTT
TGGTGTCTTGGCCTGAAGATATGGAATGCAGTAGGTTCCAGATTGTGATGAGCCATATCCTCGACTT
GTGGATCTGAATTAAGCTGGAGAACCAACTGAAGGAGCCCAAGTGGCAGTGCAGAGAGACTATGGTTTTT
GGTGTCCCGAGAGTTAAAAATTGATCCTGATCTGGGTTATTCTTTCTGCATGTGCGTGATTGTTACC
TCCTTGTCCAAAATGTACTTCAGAAGAGAAGAACTGTCAATTTGCTCGCTATTTTCATAGGATTGATTCA
ATCATTGCTCTCGGCCACATTGTTTACTTTTTTAACTTTTTGATTGATGTCACAAGATTCCGTTATC
CTGAAAGGCTATTATATTTTATGCAGTCTGCTACATGATGGTATCCTTAATTTTCTTCATTGGATTTTT
GCTTGAAGATCGAGTAGCCTGCAATGCATCCATCCCTGCACAATAAAGGCTTCCACAGTGACACAAGGA
TCTCATAATAAAGCCTGTACCATGCTTTTTATGATACTCTATTTTTTACTATGGCTGGCAGTGTATGGT
GGGTAATCTTACCATCACATGGTTTTTACGAGCTGTGCCAAAGTGGGGTAGTGAAGCTATTGAGAAGAA
AGCATTGCTGTTTACGCCAGTGCATGGGGCATCCCCGGAAGTCTAACCATCATCCTTTTAGCGATGAAT
AAAATTGAAGTGACAATATTAGTGGCGTGTGTTTTGTTGGCCTACGATGTTGATGCATTGAGATATT
TTGTTCTTGTCCCCTCTGCCTGTATGTGGTAGTTGGGTTTCTCTCTTCTAGCTGGCATTATATCCCT
AAACAGAGTTCGAATTGAGATTCCATTAGAAAAGGAGAACCAAGATAAAATTAGTGAAGTTTATGATCCGG
ATCGGTGTTTTAGCATTCTTTATCTCGTACCCTCTGGTTGTAATTGGATGCTACTTTTATGAGCAAG
CTTACCGGGCATCTGGGAAACAACGTGGATACAAGAAGCTGCAGAGAATATCACATCCATGTCCATA
TCAGGTTACTCAAATGAGTCGTCCAGACTTGATTCTTTCTGATGAAATACCTGATGGCTCTCATAGTT
GGCATTCCCTCTGATTTTTGGGTTGGAAGCAAAAAGACATGCTTTGAATGGGCCAGTTTTTTTCATGGTC
GTAGGAAAAAAGAGATAGTGAATGAGAGCCGACAGGACTCCAGGAACCTGATTTGCTCAGTCTCTCT
GAGGGATCCAAATACTCCTATCATAAGAAAGTCAAGGGAACTTCCACTCAAGGAACATCCACCCATGCT
TCTTCAACTCAGCTGGCTATGGTGGATGATCAAAGAAGCAAAGCAGGAAGCATCCACAGCAAAGTGAGCA
GCTACCACGGCAGCCTCCACAGATCACGTGATGGCAGGTACACGCCCTGCAGTTACAGAGGAATGGAGGA
GAGACTACCTCATGGCAGCATGTCACGACTAACAGATCACTCCAGGCATAGTAGTTCTCATCGGCTCAAT
GAACAGTCACGACATAGCAGCATCAGAGATCTCAGTAATAATCCCATGACTCATATCACACATGGCACCA
GCATGAATCGGGTTATTGAAGAAGATGGAACCAAGTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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_145866.1](#), [NP_665873.1](#)

RefSeq Size: 13758 bp

RefSeq ORF: 2001 bp

Locus ID: 7976

UniProt ID: [Q9NPG1](#)

Cytogenetics: 8p21.1

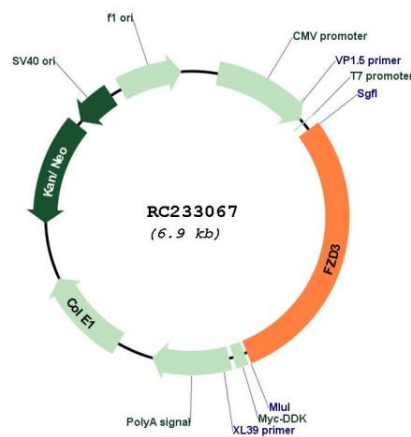
Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Basal cell carcinoma, Colorectal cancer, Melanogenesis, Pathways in cancer, Wnt signaling pathway

MW: 76.3 kDa

Gene Summary: This gene is a member of the frizzled gene family. Members of this family encode seven-transmembrane domain proteins that are receptors for the wingless type MMTV integration site family of signaling proteins. Most frizzled receptors are coupled to the beta-catenin canonical signaling pathway. The function of this protein is unknown, although it may play a role in mammalian hair follicle development. Alternative splicing results in multiple transcript variants. This gene is a susceptibility locus for schizophrenia. [provided by RefSeq, Dec 2010]

Product images:



Circular map for RC233067