

Product datasheet for **RN205375**

Fzd2 (NM_172035) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fzd2 (NM_172035) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fzd2
Synonyms:	Fz-10; Fzd10
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205375 representing NM_172035
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGGGCCCGCAGCGCCCTGCCCGCAGCGCCCTGCCCGCCTGCTGCTGCCACTGCTGCTGCTGCCGG
 CTGCCGGGCCGGCTCAGTTCACGGGGAGAAGGGCATCTCCATCCCGGACCACGGCTTCTGCCAGCCAT
 CTCCATCCCGCTGTGCACGGACATCGCCTACAACCAGACCATCATGCCAACCTTCTTGGGCACACGAAC
 CAAGAGGACGCGGGCCTGGAGGTGCATCAATTCTACCGCTGGTGAAGGTGCAGTCTCGCCGAGCTGC
 GCTTCTTCTGTGCTCCATGTACGCTCCGGTGTGCACGGTGTGGAGCAGGCCATCCCGCGTCCGCTC
 CATCTGCGAACCGCGCGCCAAGGCTGCGAGGCGCTCATGAACAAGTTCGGTTCAGTGGCCCGAGCGC
 CTCGCTGCGAGCATTTCCCGCTCACGGCGGGAGCAGATCTGCGTGGCCAGAACCACTCCGAGGACG
 GAACTCCTGCGCTACTACCACCGCGCCACCGTCTGGGCTGCAGCCTGGCGTGGTGGCACCCCGGGCGG
 CCTGGCGGTGGTGGCGGCCCGCGCTACGCCACTCTGGAGCACCTTTCCACTGTCCCGCGTCTCTC
 AAGGTGCCGTCTATCTCAGCTATAAGTTTCTGGGTGAGCGCATTTGTGCCGCGCCCTGCGAGCCTGCAC
 GGCCCGACGGCTCCATGTTCTTCTCGCACCCACCACTCGTTTTGCCCGTCTCTGGATCCTCACATGGTC
 GGTGCTGTGCTGCGCTTCTACTTTTTCACGGTACCACCTCTTTAGTGGCCATGCAGCGATTCCGCTAC
 CCAGAGCGGCCATCATCTTCTGTCCGGTTGTACACCATGGTGTGAGTGGCCATACATTGCGGGCTTCG
 TGCTCCAGGAGCGCGTGGTGTGCAACGAGCGCTTCTCTGAGGACGGTTATCGCACGGTGGGGCAGGGCAC
 TAAGAAAGAAGGCTGTACTATACTTTCATGATGCTCTACTTCTCAGTATGGCCAGTCCATCTGGTGG
 GTGATTCTGTCCCTCACCTGGTTCCTGGCAGCCGGTATGAAGTGGGGCCACGCGCCATCGAGGCCAATT
 CGCAGTACTTCCACCTGGCCGCTGGCGGTGCCGGCCGTCAAAACCATCACCATCCTGGCCATGGGCCA
 GATCGACGGCGACCTGCTGAGCGCGTGTGCTTCGTGGGCTCAACAGGCTGGACCCGCTGCGAGGCTTC
 GTGCTGGCGCCGCTCTTCTGTACCTGTTTCATCGGCACATCCTTCTGCTGGCGGGCTTCTGTACTCT
 TCCGCATCCGACCATCATGAAGCAGCAGGCCAAGACGGAGCCGCTGGAGAGGCTCATGGTGCAT
 CGGCGTCTTCTCCGTGCTTACACCGTACCAGCCACCATCGTCATCGCCTGCTACTTCTATGAGCAGGCC
 TTCCGCGAGCACTGGGAGCGCTCGTGGTAAGCCAGCACTGCAAGAGCCTAGCCATCCCTGCCCGGCC
 ACTACACGCCCGCACGTCGCCGACTTACAGTCTACATGATCAAATACCTCATGACGCTCATCGTGGG
 CATCACGTGGGCTTCTGGATCTGGTCCGGCAAGACGCTGCACCTCGTGGAGGAAGTCTACACCGCTCTC
 ACCAACAGCCGCATGGAGAGACCACCGT**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_172035

Insert Size: 1713 bp

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).

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_172035.1](#), [NP_742032.1](#)

RefSeq Size: 1912 bp

RefSeq ORF: 1713 bp

Locus ID: 64512

UniProt ID: [Q08464](#)

Cytogenetics: 10q32.1

Gene Summary: G-protein coupled receptor that binds Wnt proteins and induces intracellular calcium release; also mediates signaling via inhibition of cGMP [RGD, Feb 2006]