

Product datasheet for **RN214815**

Fzd5 (NM_173838) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fzd5 (NM_173838) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fzd5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214815 representing NM_173838
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTAGACCCGACCCGTCGCGCCGCCCTCTCTTCTGTGCTGTTGCTGGCACAGCTGGTGGGCCGGG
 CAGCGGCCGCCTCCAAGGCCAGTGTGCCAGGAAATCACGGTGCCCATGTGCCGCGCATCGGCTACAA
 CCTGACGCACATGCCAACCAGTTCAACCATGACACTCAGGACGAAGCAGGCCTGGAGGTGCACCAATTC
 TGGCCGCTGGTGGAGATCCACTGTTCCCGGACCTGCGCTTCTTCTGTGCTCCATGTACACGCCCATCT
 GCTTGCTGACTACCACAAGCCGCTACCACCGTCCGCTCCGTGTGCGAGCGGCCAAGGCCGGTCTC
 GCCACTCATGCGCCAGTACGGCTTCGCCTGGCCCGAGCGCATGAGCTGCGACCGCTCCCAGTGTGGG
 GGGCAGCTGAGGTTCTGTGCATGGATTATAACCGAAGTGAAGCCACCACCGCTCCCCTAAGTCTTCC
 CGGCCAAACCCACTCCAGGACCACCAGGGGCGCCATCTTCCGGGGCGAATGTCCTCGGGAGGCC
 GTCTGTGTGCACGTGCCGAGCCCTTCGTGCCATCCTGAAGGAGTACACCCACTCTACAACAAGGTG
 CGACCCGCCAAGTGCCCAACTGCGCAGTGCCCTGCTACCAGCCGCTCCTCAGCCCGGATGAGCGCACGT
 TCGCCACCTTCTGGATTGGCTGTGGTCTGTGCTGTGCTTTCATCTCCACGTCCACCACTGTAGCGACCT
 CCTCATTGACATGGAACGATTCCGCTACCTGAGCGCCCATCATCTTCTGTCTGCGTGTACCTGTGT
 GTGCTACTGGGATTTGGTGGCCTGGTTGTAGGCCATGCCAGCGTCCGCTGCAGCCGAGAGCACAGCC
 ACATTCATATGAGACTACCGCCCTGCGCTGTGCACAGTCGTCTTCTTACTTACTTCTTTGGCAT
 GGCCAGCTCCATCTGGTGGGTATCCTGTCGCTCACCTGGTCTTGGCGGCTGGCATGAAGTGGGCAAT
 GAAGCCATCGCAGGCTATGCACAGTACTCCACCTTGTGCTGGCTCATCCCCAGCGTCAAGTCCATTA
 CGCGCTGGCACTGAGCTCCGTGGACGGAGACCAGTGGCTGGCGTCTGTTATGTGGCAACCAAACT
 GAATCGCTACGAGGCTTTGTCTTGGGCCCACTGGTGCTGTACCTGTTGGTGGGCACGCTCTTCTTCTG
 GCAGGCTTCGTGTCACTCTTCCGCATCCGAGCGTCATCAAGCAGGGTGGCACTAAGACGGACAAGCTAG
 AGAAGCTCATGATCCGCATTGGCATCTTCACTCTGCTCTACACGGTGCCAGCCAGCATCGTGGTGGCCTG
 CTACCTGTATGAACAGCACTATCGGGAGAGCTGGGAGGCAGCCCTCACCTGCGCGTGTCCGGGTGCGAC
 GCTGGCCAGCCACGCGCCAAACCCGAGTACTGGTGTCTCATGCTCAAGTACTTTCATGTGCTGGTGGTGG
 GCATCACGTCGGGAGTCTGGATCTGGTCCGAAAGACCCTGGAGTCTTGGCGGCGCTTACCAGCCGCTG
 CTGCTGCAGCTCTCGACGGGCCATAAAAGCGGTGGCGCTATGGTGCAGGAGACTATGCGGAGGCCAGC
 GCCGCACTCACTGGCAGGACCGGGCCCGGGCCCGCGCCGCATACCACAAGCAAGTGTCCCTGTGCG
 ACGTATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_173838
- Insert Size:** 1758 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_173838.1](#), [NP_776210.1](#)

RefSeq Size: 1758 bp

RefSeq ORF: 1758 bp

Locus ID: 317674

UniProt ID: [Q8CHL0](#)

Cytogenetics: 9q32

Gene Summary: forms a receptor complex with Lpr6 that binds Wnt7A proteins [RGD, Feb 2006]