

## Product datasheet for **RN212391**

### **Fzd4 (NM\_022623) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fzd4 (NM_022623) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fzd4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN212391 representing NM\_022623  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTTGGCAGGGCACAGGGCCAAGCGTCCGGGGATGCCTGGAGGCGTCAGGCTCAGGCTGGGGCTGC  
 TGCTGCTGCAGTTGCTCCTGCTCCAGCGCCCGCCCTGGGGTTCGGGGACGAGGAGGAGCGCGTTGCGA  
 CCCCATCCGCATCGCCATGTGCCAGAACCTCGGCTACAACGTGACCAAGATGCCAACTTAGTGGGACAC  
 GAGCTGCAGACAGACGCGGAGCTGCAGCTGACAACCTTTCACGCCGCTCATCCAGTACGGCTGCTCCAGCC  
 AGCTGCAGTTCTTCTTTGTTTCGGTTTATGTGCCAATGTGCACAGAGAAGATCAACATCCCATCGGCC  
 GTGCGGTGGCATGTGCTTTTCAGTCAAGAGACGATGTGAACCACTCTGAAAGAATTTGGTTTGCCTGG  
 CCGGACAGCCTGAACTGCAGCAAGTTCCACCCAGAACGACCACAACCACATGTGCATGGAAGGACCAG  
 GTGACGAAGAGGTACCCTTGCCCCACAAAACCTCCATCCAGCCGGGGGAAGAGTGCCACTCCGTGGGAAC  
 CAATTCGATCAGTACATCTGGGTGAAAAGGAGCCTGAACTGTGTCTCAAGTGTGGCTACGATGCTGGC  
 TTGTACAGCCGCTCAGCTAAGGAGTTACGGATATTTGGATGGCCGTGTGGGCCAGCCTCTGCTTCACT  
 CTACCACCTTCACTGTGCTGACCTTCTGATTGATTCTGTCAGGTTTTCTTACCCTGAGCGCCCATCAT  
 ATTCCTCAGTATGTGCTATAATATTTATAGCATTGCTTATATTGTTTCGGCTTACTGTAGGCCGGAAAGG  
 ATATCCTGTGATTTTGAAGAGCGCGCAGAACCCGTTTCTCATCCAAGAGGGACTTAAGAACACAGGATGTG  
 CAATAATTTTCTGTGATGTACTTTTTTGAATGGCCAGCTCCATTTGGTGGTTATTCTGACACTCAC  
 TTGGTTTTTGGCAGCCGACTCAAGTGGGGTACGAAGCCATTGAAATGCACAGTTCTTATTTCCACATC  
 GCAGCCTGGGCTATCCCTGCCGTGAAAACCAATTGTCATCTTGATTATGAGACTAGTGGATGCCGATGAGC  
 TGACTGGCCTGTGCTATGTGCGGAACCAAGCCTAGATGCCCTCACCGCTTTGTGGTGGCACCTCTCTT  
 TACCTATTTGGTATTGGAACCTATTCAATTGCTGCAGGCTTGGTGGCCCTCTTCAAAATTCGGTCAAAT  
 CTTCAAAAAGATGGGACCAAGACAGACAAGTTGAAAAGGCTAATGGTCAAGATCGGGTCTTCTCGGTCC  
 TGTACACGGTTCTGCGACCTGTGTGATTGCCTGTTATTTCTATGAAATCTCAAACCTGGGCACTCTTTG  
 GTATTCTGCAGATGACTCAAACATGGCAGTTGAAATGTTGAAAATTTTTATGCTTTGCTCGTGGGCATC  
 ACTTCAGGCATGTGGATTTGGTCTGCCAAAACCTTTCACACGTGGCAAAAATGTTCTAACCGATTGGTGA  
 ATTCTGGGAAGGTAAGAGAGAGAAGAGGGGAATGGTTGGGTGAAGCCAGGGAAGGCAACGAACTGT  
 GGT**GTAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_022623
- Insert Size:** 1617 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\\_022623.2](#), [NP\\_072145.1](#)

**RefSeq Size:** 6867 bp

**RefSeq ORF:** 1617 bp

**Locus ID:** 64558

**UniProt ID:** [Q9QZH0](#)

**Cytogenetics:** 1q32

**Gene Summary:** putative Wnt receptor; may play a role in the Wnt signaling pathway [RGD, Feb 2006]