

## Product datasheet for **RN216933**

### **Fzd7 (NM\_001271185) Rat Untagged Clone**

#### **Product data:**

|                    |  |
|--------------------|--|
| Product Type:      | Expression Plasmids                    |
| Product Name:      | Fzd7 (NM_001271185) Rat Untagged Clone |
| Tag:               | Tag Free                               |
| Symbol:            | Fzd7                                   |
| Vector:            | pCMV6-Entry (PS100001)                 |
| E. coli Selection: | Kanamycin (25 ug/mL)                   |
| Cell Selection:    | Neomycin                               |



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**Fully Sequenced ORF:** >RN216933 representing NM\_001271185  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCGGGGCCCCGGCACGGAGGCGTGCCTCGCCCTGGGCCTCTGTGCCTTGGTCTTCTCTGG  
 GCGCGCTGCCACGGACACCGGAGCTCAACCATACCACGGCGAGAAAGGCATCTCGGTACCGACCACGG  
 CTTCTGCCAGCCATCTCCATCCCGTTGTGCACGGATATTGCCTACAACCAGACCATCTGCCAACCTG  
 CTGGGCCACAGAACCAAGAGGACGCGGCCCTCGAGGTGCACCAGTTCTACCCTCTGGTAAAGGTGCAGT  
 GTTCTCCCGAGCTGCGCTTCTTCTATGCTCTATGTACGCACCCGTGTGCACCGTCTCGACCAAGCCAT  
 TCCTCCGTGCCGTTCTTGTGCGAGCGCGCCGACAGGGCTGCGAGGCGCTCATGAACAAGTTCGGTTTC  
 CAGTGGCCGGAGCGGCTGCGCTGCGAGAAGTCCCGGTGCACGGCGCCGGCGAGATATGCGTGGGGCAGA  
 ACACGTCCGACGGCTCCGGGGCGCAGGCGGTAGTCCCACCGCCTACCCTACTGCTCCCTACCTGCCAGA  
 CCCGCCTTCACTGCGATGTCCCCTCAGATGGCAGAGGCGGCTGGTCTTCCCCTTCTCTTGGCCGCT  
 CAGCTCAAGGTCCCCCTACCTGGGCTACCGTTTCTAGGCGAGCGTACTGCGGTGCCCGTGTGAGC  
 CAGGCCGTGCTAACGGCCTCATGTACTTTAAAGAAGAGGAGAGACGTTTCGCCCGCCTCTGGGTAGGTGT  
 GTGGTCAGTGTGTGTGCTGCTCGACGCTTTCACGGTGTCTACCTACCTAGTGGACATGCGTCGCTTC  
 AGCTATCCAGAGCGACCCATTATCTTCTGTGGGCTGTACTTCATGGTGGCAGTGGCGCACGTGGCGG  
 GCTTCTGCTAGAGGACCGTGGCGTGTGCGTGGAGCGCTTCTCGGACGATGGCTACCGCACGGTGGCGCA  
 GGGCACAAGAAGGAGGGCTGCACCATCTTTCATGGTGCTTTACTTCTCGGCATGGCCAGCTCCATC  
 TGGTGGGTCACTTTCCCTCACTTGGTTCCTGGCAGCTGGCATGAAGTGGGGCCACGAGGCCATCGAGG  
 CCAACTCGCAGTACTTTTCATCTGGCCGCTGGGCTGTGCCAGCGGTCAAGACAATCACCATCTTGGCCAT  
 GGGCCAGGTGGATGGTGACCTACTCAGTGGAGTGTGCTACGTGGGCTGTCTAGTGTGGATGCACTGCGG  
 GGCTTCGTGCTGGCGCCCTTGTTCGTCTACCTTTCATCGGTACGTCCTTCTGTTGGCCGCTTTGTGT  
 CTCTTTTCGCATCCGCACCATCATGAAGCAGATGGCACCAAGACGGAGAAGCTGGAGAAGCTCATGGT  
 GCGCATGGCGTCTTTCAGCGTCTTACACGGTCCCAGCCACCATCGTGTGGCGTGTACTTTTACGAG  
 CAGGCCTTCCGCGAGCACTGGGAGCGCACCTGGCTCTGCAGACCTGCAAGAGCTACGCTGTGCCCTGCC  
 CCCCAGGCACTTCTCGCCATGAGCCCCGACTTTACAGTCTTCATGATCAAGTACCTGATGACCATGAT  
 CGTGGGCATCACTACCGCTTCTGGATCTGGTTCGGCAAGACCCTGCAGTCATGGCGTGTCTTACCAC  
 AGACTCAGCCACAGCAGCAAGGGGGAGACTGCGGTATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001271185
- Insert Size:** 1719 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001271185.1](#), [NP\\_001258114.1](#)

**RefSeq Size:** 2820 bp

**RefSeq ORF:** 1719 bp

**Locus ID:** 100360552

**Cytogenetics:** 9q31