

Product datasheet for **RN201388**

Fzd6 (NM_001130536) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Fzd6 (NM_001130536) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Fzd6 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN201388 representing NM_001130536
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAAGCGTCCCGTTTCTGTGCGCCTGCATTCTTCTGCCCTCATAAGAGGGCACAGCCTTTTACCT
 GTGAGCCAATCACTGTTCCAGATGTATGAAAATGGCCTACAACATGACGTTTTTCCCTAACCTGATGGG
 TCATTATGACCAGGGCATTGCTGCTGTGAAAATGGAGCACTTTCTGCCTTTGCAAACTCTGGAATGTTCA
 CCAAACATTGAAATGTTTCTTTGCCAAGCTTTTGTACCAACTGCACAGAGCAAATTGATGTGGTTTAC
 CTTGTGCGAAAATTGTGTGAGAAAATACTTTCTGATTGCCAAAAGTTAATGGACACTTTTGGGATCCGATG
 GCCTGAAGAACTGAATGTCACAGATTGCCGACTGTGATGGCGCTGTTCTGTTACTTCTGATCCACAC
 ACAGAGCTTTTTGGTCCACAGAAGAAAACAGATCAAGTCCAAGGGACATTGGATTTTGGTGTCAAAGC
 ACCTTAGGACTTCGGGGACCAAGGCTATAGGTTTCTGGGAATTGACCAGTGTGCCCTCCGTGCTCTAA
 CATGTACTTTAAAAGTGATGAACTAGACTTTGCCAAAAGTTTCATAGGAATAGTTTCAATATTTTGTCTT
 TGTGCAACTTTGTTACAGTTTCTACTTTTTTAATTGACGTCAGAAGATTCAGGTACCCAGAGAGACCAA
 TTATATACTACTCCGTCTGTTACAGCATCGTCTCTCATGTACTTTGTTGGGTTTTTGTGGGCAATAG
 CACAGCTTGAATAAGGCAGATGAGAAGCTGGAACCGGGAACACAGTCGTTCTAGGGTCAAAGAATAAG
 GCTTGCAGCGTGGTGTATGTTTCTGTACTTTTTCAATGGCCGGCACCCTGTGGTGGGTGATCCTCA
 CCATTACGTGGTCTTAGCCGCCGAAGAAAATGGAGTTGCGAAGCTATTGAACAAAAGCAGTGTGGTT
 TCACGCCGTTGCCTGGGGATGCCCGGTTCTGACTGTCATGCTGCTCGCTATGAACAAGGTTGAAGGA
 GACAACATTAGCGCGTTTGGCTTCGTTGGCCTGTATGACTTAGATGCCTCCCGCTACTTCGTCTCTGCG
 CTCTGTGCCTCTGTGTGTTTGTGGGCTGTCTCTCCTTACGCTGGCATCATTTCCTTAAATCACGTTCCG
 ACAAGTTATACAACATGATGGCCGAAACCAAGAGAAGCTCAAGAAGTTCATGATCCGCATTGGAGTCTTC
 AGTGGCCTGTATCTGTGCCCTTAGTGACGCTTCTGGCTGCTATGTCTATGAGCTAGTGAACAGGGTCA
 CCTGGGAGATGACGTGGTCTCTGATCACTGTCACCAGTACCGCATCCCGTGTCTTACCAGGCAAACCC
 AAAAGCTCGACCAGAATTGGCTTTATTTATGATAAAATATCTGATGACATTAATTGTTGGTATCTCTGCG
 GTCTTCTGGGTTGGAAGCAAAAAGACGTGCACAGAATGGCCCGGTTCTGTAAGCGAAACCGCAAGCGCG
 ACCCCATCAGTGAGAGCCGAAGAGTGTGCAAGAGTCTGTGAGTTCTTCTGAAGCACAATTCCAAAGT
 GAGGCACAAGAAGAAGCATGGCAAACAGGCTCACATAAACTGAAGGTCAATTTCCAAGTCCATGGGAACT
 AGCACGGGCGTGACCACAGACCATGGCACCTCTGCCGTAGCAATTGCCGACCATGATTACTTAGGGCAGG
 AAACCTCAGCAGAAGTCCAGACCTCCCCAGAAGCATCCCTGAAAGAGGGGAGAGCAGACCGAGCAAACAC
 GCCCAGAGCCAAAGGTCCAGACTGTGGAGAACCTGCTTCCACAGCAGCGTCCAACCTCAAGTTCTCTGGG
 GACCAGATCGACAGGAAAAGCCGAGCAGGCAGCGTGAAGGAGAAAAGCAGCGTATCGGAAGGGGCTCCAA
 GTGAAGGAAGGGTAAGTCCAAAGGGCGTTCTGGGACTGGCCTGATGGAGTGCACTTTACAGATCCCCAG
 CTCTCCAGAACCAACAGCCTCAAAGGTTCCACATCTCTGCTTGTTCGCTCAGCTTCCGGAACCTAGGAAA
 GAGCAGGGTGTGGCGGCCATTCTGATACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001130536
Insert Size: 2133 bp

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| OTI Disclaimer: | <p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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).</p> |
| Components: | <p>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).</p> |
| Reconstitution Method: | <ol style="list-style-type: none">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: | <u>NM_001130536.1</u> , <u>NP_001124008.1</u> |
| RefSeq Size: | 4202 bp |
| RefSeq ORF: | 2133 bp |
| Locus ID: | 282581 |
| Cytogenetics: | 7q22 |