

Product datasheet for **RR216933**

Fzd7 (NM_001271185) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fzd7 (NM_001271185) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fzd7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR216933 representing NM_001271185
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGGGGCCCGCACGGAGGCGTGCCTCGCCCTGGGCCTCTGTGCCTTGGTCTTCTCTGG
 GCGCGCTGCCACGGACACCGGAGCTCAACCATACCACGGCGAGAAAGGCATCTCGGTACCGGACACGG
 CTTCTGCCAGCCATCTCCATCCCGTTGTGACGGATATTGCCTACAACCAGACCATCTGCCAACCTG
 CTGGGCCACAGAACCAAGAGGACGCGGCCCTCGAGGTGCACCAGTTCTACCCTCTGGTAAAGGTGCAGT
 GTTCTCCCGAGCTGCGCTTCTTCTATGCTCTATGTACGCACCCGTGTGCACCGTCTCGACCAAGCCAT
 TCCTCCGTGCCGTTCTTGTGCGAGCGCGCCGACAGGGCTGCGAGGCGCTCATGAACAAGTTCGGTTTC
 CAGTGGCCGAGCGGCTGCGCTGCGAGAAGTTCCTCCGTGCACGGCGCCGGCAGATATGCGTGGGGCAGA
 ACACGTCCGACGGCTCCGGGGCGCAGGCGGTAGTCCCACCGCTACCCTACTGCTCCCTACCTGCCAGA
 CCCGCCTTCACTGCGATGTCCCTCAGATGGCAGAGGCGGCTGGTCTTCCCTTCTCTTGGCCGCT
 CAGCTCAAGGTCCCCCTACCTGGGCTACCGTTTCTAGGCGAGCGTACTGCGGTGCCCGTGTGAGC
 CAGGCCGTGCTAACGGCCTCATGTACTTTAAAGAAGAGGAGAGACGTTTCGCCCGCCTCTGGGTAGGTGT
 GTGGTCAGTGTGTGTGCTGCTCGACGCTTTCACGGTGTCTACCTACCTAGTGGACATGCGTCTGCTTC
 AGCTATCCAGAGCGACCCATTATCTTCTGTGCGGCTGCTACTTCATGGTGGCAGTGGCGCACGTGGCGG
 GCTTCTGCTAGAGGACCGTGCCTGTGCGTGGAGCGCTTCTCGGACGATGGCTACCGCACGGTGGCGCA
 GGGACCAAGAAGGAGGGCTGCACCATCTTTCATGGTGTCTTACTTCTCGGCATGGCCAGCTCCATC
 TGGTGGGTCACTTCTTCCCTCACTTGGTTCCTGGCAGTGGCATGAAGTGGGGCCAGGAGCCATCGAGG
 CCAACTCGCAGTACTTTCATCTGGCCGCTGGGCTGTCCAGCGGTCAAGACAATCACCATCTTGGCCAT
 GGGCCAGGTGGATGGTGACCTACTCAGTGGAGTGTGCTACGTGGGCTGTCTAGTGTGGATGCACTGCGG
 GGCTTCGTGCTGGCGCCCTTGTTCGTCTACCTTTCATCGGTACGTCCTTCTGTTGGCCGCTTTGTGT
 CTCTTTTCGCATCCGCACCATCATGAAGCAGATGGCACCAAGACGGAGAAGCTGGAGAAGCTCATGGT
 GCGCATTGGCGTCTTACGCGTCTACACGGTCCCAGCCACCATCGTGTGGCGTGTACTTTTACGAG
 CAGGCCTTCCGCGAGCACTGGGAGCGCACCTGGCTCTGCAGACCTGCAAGAGCTACGCTGTGCCCTGCC
 CCCCAGGCACTTCTCGCCATGAGCCCCGACTTACAGTCTTTCATGATCAAGTACCTGATGACCATGAT
 CGTGGGCATCACTACCGCTTCTGGATCTGGTTCGGCAAGACCCTGCAGTCAAGTGGCGTCTTCTACCAC
 AGACTCAGCCACAGCAGCAAGGGGGAGACTGCGGTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR216933 representing NM_001271185
 Red=Cloning site Green=Tags(s)

MRPGTEASHSPLGLCALVLLALLGALPTDTGAQPYHGEKGISVDPDHGFCQPIISIPLCDIAYNQTILPNL
 LGHTNQEDAGLEVHQFYPLVKVQCSPELRFLLCSMYAPVCTVLDQAIPPCRSLCERARQGCALMNKFGF
 QWPERLRCENFPVHGAGEICVQNTSDGSGGAGGSPYAPTAPYLPDPPFTAMSPSDGRGRWSFFSCRP
 QLKVPPYLGYRFLGERDCGAPCEPGRANGLMYFKEEERRFARLWVGWVSVLCCASTLFTVLYLDMRRF
 SYPERPIIFLSGCFMVAVAHVAGFLLEDRAVCVERFSDDGYRTVAQGTKEGCTILFMVLYFFGMASSI
 WWVILSLTWFLAAGMKWGHEAIEANSQYFHLAAWAVPAVKITITILAMQVDGDLISGVCYVGLSSVDALR
 GFVLAPLFVYLFIGTSFLLAGFVSLFRIRTIMKHDGKTEKLEKLMVRIGVFSVLYTVPATIVLACYFYE
 QAFREHWERTWLLQTKSYAVPCPPGHFSPMSPDFTFVMIKYLMTMIVGITTFWFIWSGKTLQSWRRFYH
 RLSHSSKGETAV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001271185

ORF Size: 1716 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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

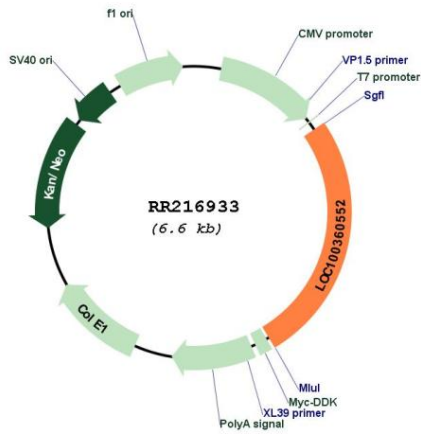
RefSeq ORF: 1719 bp

Locus ID: 100360552

Cytogenetics: 9q31

MW: 63.8 kDa

Product images:



Circular map for RR216933