

Product datasheet for **RR211333**

Fzd3 (NM_153474) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fzd3 (NM_153474) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fzd3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide
Sequence:

>RR211333 representing NM_153474
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGCTGTGAGCTGGATTGTCTTTTATCTTTGGCTCTTACTGTGTTTCTGGGGCAGATAGTGGGCACA
GTTTGTCTTTCTTGGAACCTATAACCTTGAGGATGTGCCAAGATTGCCTTACAATACTACCTTCATGCC
TAATCTTCTGAACCATTATGACCAGCAGACAGCAGCTTTAGCAATGGAGCCATTCACCCCTATGGTGAAC
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TGGTGTCCCCTGGCCTGAAGATATGGAGTGCAGTAGGTTCCAGATTGTGATGAGCCATATCCCAGACTT
GTGGATTTGAATTTAGTTGGAGATCCAAGTGAAGGAGCCCAAGTGGCAGTACAGAGGGATTATGGTTTTT
GGTGTCCCAGAGATTGAAAATTGATCCTGACCTTGGCTATTCTTTCTGCACGTGCGAGATTGTTCCACC
ACCATGTCCCAATATGTACTTCAGGAGAGAAGAACTGTCAATTTGCTCGCTATTTTCATAGGCTGATTTC
ATCATTGCTCTCTGCCACATTGGTTACTTTTTAACCTTTCTGATTGACGTACACAAGATTCCGTTACC
CTGAAAGACCTATCATATTTTATGCAGTCTGCTACATGATGGTGTCAATATTTTCTTCATTGGGTTTTT
GCTTGAGGACCGAGTAGCCTGCAATGCATCTAGCCCTGCACAGTATAAGGCTTCCACAGTGACACAAGGA
TCTCACAATAAGGCTGTACCATGCTCTTCATGGTACTCTATTTTTTCACTATGGCTGGCAGTGTATGGT
GGGTAATCTTACCATCATATGGTTTTTAGCAGCTGTGCCAAAGTGGGGCAGTGAAGCTATTGAGAAAAA
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AAAATTGAAGGTGACAATATTAGTGGCGTGTGCTTTGTGCGCCTCTACGACGTAGATGCATTAAGATATT
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GCTACCATGGCAGCCTCCACAGGTACGTGATGGCAGGTACACTCCCTGCAGTTACCGAGGGATGGAGGA
GAGACTACCTCACGGCAGCATGTACGGCTGACAGATCACTCCAGGCACAGTAGTTCTCATCGGCTCAAT
GAGCAGTCCCACACAGCAGCATCCGAGACCTCAGCAACAACCCCATGACTCACATTACACATGGCACCA
GCATGAACCGTGTATTGAAGAGGATGGAACCAAGTCT

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR211333 representing NM_153474
 Red=Cloning site Green=Tags(s)

MAVSWIVFYLLVFLGQIGGHSLSFCEPITLRMCQDLPYNTTFMPNLLNHYDQQTAALAMEPFHPMVN
 LDCSRDFRPFLCALYAPICMEYGRVTLPCRRLCQRAYSECSKLMEMFGVPWPEDMECSRFPDCDEPYPR
 VDLNLVGDPTGAPVAVQRDYGFWCPRELKIDPDLGYSFLHVRDCSPPCPNMYFRREELSFARYFIGLIS
 IICLSATLVTFLLTFLIDVTRFRYPERPIIFYAVCYMMVSLIFFIGFLLEDRVACNASSPAQYKASTVTQ
 SHNKACTMLFMVLYFFFTMAGSVVWVILITWFLAAVPKWGSEAIEKKALLFHASAWGIPGTLTIILLAMN
 KIEGDNISGVCFVGLYVDALRYFVLAFLCLYVYVGVSLLLAGIISLNRVRIEIPLEKENQDKLVKFMIR
 IGVFSILYLVPLLVVIGCYFYEQAYRGIWETTWIQERCREYHPCPYQVTQMSRPDLILFLMKYLMALIV
 GIPSIFWVGSKKTCEWASFFHGRKKKETVNESRQVLQEPDFAQSLLRDPNTPIIRKSRGTSTQGTSTHA
 SSTQLAMVDDQSKAGSVHKSIVSYHGLHRSRDGRYTPCSYRGMEEERLPHGMSRLTDHSRHSSSHRLN
 EQSRHSSIRDLSNNPMTHITHGTSMNRVIEEDG TSA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

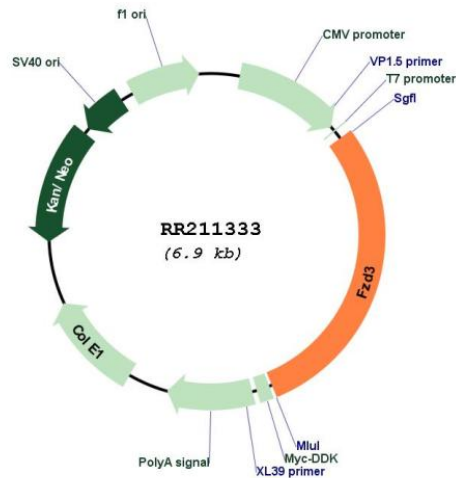
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_153474

ORF Size: 1998 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_153474.1](#), [NP_703204.1](#)
RefSeq Size: 2764 bp
RefSeq ORF: 2001 bp
Locus ID: 266715
Cytogenetics: 15p11
MW: 76.2 kDa