

Product datasheet for **RR200133**

Zmynd11 (NM_203369) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zmynd11 (NM_203369) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zmynd11
Synonyms:	BS69
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR200133 representing NM_203369
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCACGTTTAAACAAAAGACGACAGGCGGCACAAAAGCTATCCAGCATCTTTGGGCAGCCATTGAAA
 TTATCAGGAATCAGAAGCAGATTGCCAACATTGATCGTATTACAAAGTATATGTCCCGGTCACCGCAT
 GCATCCCAAAGAGACCACGCGCAGCTGAGCTTAGCTGTGAAAGATGGTCTCATTGTGAAAACCTAAACA
 GTGGGCTGCAAAGGTTCAAAGCTGGCATTGAACAGGAAGGATATTGGTTACCAGGAGATGAGATTAGCA
 TTAAGAAGAAGCATTCTAAACAGCAGGAGATGGGCACCTACCTGAGGTTTCATCGTCTCCCGCATGAAGGA
 GCGGGCTATAGACCTTAATAAAAAGGAAAGGACAGTAAGCACCCGATGTACCGGAGACTGGTCCACTCA
 GCTGTGGACGTCCTACCATAACAAGAGAAGGTGAATGAGGGGAAGTACCGGAGTTATGAGGAGTTCAAGG
 CTGACGCACAGCTGCTTCTCCACAACACAGTGATCTTCTATGGAGCAGACAGTGAGCAAGCGGACATTGC
 AAGGATGCTCTATAAAGACACGTGTCATGAGCTGGACGAGCTGCAGCTTTGCAAGAACTGCTTCTACCTG
 TCAAACGCACGGCCCACAACACTGGTTTCTGCTACCTTGCATACCTAATCATGAGCTGGTTTGGGCTAAAA
 TGAAGGTTTTGGGTTTTGGCCAGCCAAAGTCATGCAGAAAGAAGACAATCAAGTTGATGTTTCGCTTCTT
 TGGCCATCACCACCAGAGGGCCTGGATTCTTCTGAAAACATTACAGGACATCACAGTCAATGTTACCGCA
 CTGCATGTGAAGCGCAGCATGGGCTGGAAAAAGGCCTGTGATGAGCTGGAGCTGCATCAGCGGTTCTCC
 GTGAAGGGAGGTTCTGGAAGTCTAAGAATGAGGACCGAGGTGAGGAAGAGGCAGAATCCAGTATCTCCTC
 CACCAGTAATGAACAGCTGAAGGCCACTCAAGAGCCAAGAGCAAAGAAAGGACGACGTAATCAGAGTGTG
 AAGCCCAAAAAGGAAGTAAGTTGCCCGCCTCACAGTGTCCAGGTGGCAGTCGAAAGAGGAAAGAGTCTCA
 AAGTACGCTCAAGACAGTCAAGTAATATCCGTCAAGTTAAGGCCAGTCTCCCGACTCCTGTCGTTGTGG
 ACTGTGCTCGACCAGCAGCGAGTGCACAGTCTCCATCCCCAGAACAGGCCAGAAACGGAAGCAGTA
 AGTTCCAGCCAGGAAATCCCCACAATGCCTCAGCCAATTGAGAGGGTGTAGTGTCAACCCAGACCAAGA
 AGTTAAGTGCCTTCTCCCAAGAATGCTGCACCGAAGCACTCAGACGGCGAGCGATGGCGTCTGTGAGAG
 CATGTGCCACGACAAGTACACCAAAATTTTAAATGACTTTAAAGACAGGATGAAGTCGGACCACAAGCGT
 GAAACAGAGAGAGTGGTGCAGGAAAGCGCTGAAAAAGTTGCGTTCTGAAATGGAAGAAGAAAAAGACAAG
 CTGTAATAAAGCTGTAGCCAACATGCAGGTTGAGATGGACAGAAAGTGAAGCAGGTGAAGGAAAAGTGT
 CAAGGAAGAATTTGTAGAGGAGATCAAGAAGCTAGCGGCCAGCACAAGCAGTCTATTTCTCAGACCAAG
 AAGAAGCAGTGGTGTACAACACTGTGAGGAGGAGGCCATGTACCCTGCTGCTGGAACACGTCCTACTGCT
 CCATCAAGTGCCAGCAGGAGCACTGGCACGCAGAGCACAAGCGCACCTGCCGCCGGAAGAGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR200133 representing NM_203369
 Red=Cloning site Green=Tags(s)

MARLTKRRQADTKAIQHLWAAIEIIRNQKQIANIDRITKYMSRVHGMHPKETTQRLSLAVKDGLIVETLT
 VGCKGSKAGIEQEGYWLPGDEISIKKKHSNKQEMGTYLRFIVSRMKERAIDLNKKGKDSKHPMYRRLVHS
 AVDVPTIQEKVNEGKYRSYEEFKADAQLLLHNTVIFYGADSEQADIARMLYKDTCHELDELQLCKNCFYL
 SNARPDNWF CYPICPNHEL VWAKMKGF GFWPAKVMQKEDNQVDVRF FGHHQRAWIPSENIQDITVNVHR
 LHVKRSMGWKKACDELELHQRFLREGRFWKS KNEDRGE EEAESSISSTSNQLKATQEPRAKKGRRNQSV
 EPKKEVSCPPHSVQVAVERGKSLKVRSRQSSNIRQVKAQSPDSCRCGLLLDQHASAQSPSPEPEPEAV
 SSSQEIPTMPQPIERVSVSTQTKKLSASSPRMLHRSTQTASDGVCQSMCHDKYTKIFNDFKDRMKS DHKR
 ETERVVREALEKLRSEMEEEKRQAVNKAVANMQGEMDRKCKQVKEKCKEEFVEEIKKLAQHKQLISQTK
 KKQWCYNCEEEAMYHCCWNTSYCSIKCQEQEHWHAEHKRTCRRKR

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

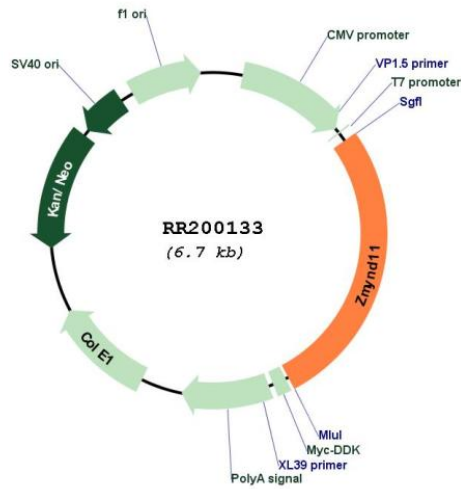
Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_203369

ORF Size: 1812 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:	<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:	NM_203369.2 , NP_976245.2
RefSeq Size:	3974 bp
RefSeq ORF:	1815 bp
Locus ID:	291259
Cytogenetics:	17q12.1
MW:	70.3 kDa