

Product datasheet for **RR200134**

Zmynd11 (NM_203368) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zmynd11 (NM_203368) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zmynd11
Synonyms:	BS69
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR200134 representing NM_203368
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCACGTTTAAACAAAAGACGACAGGCGGCACAAAAGCTATCCAGCATCTTTGGCAGCCATTGAAA
 TTATCAGGAATCAGAAGCAGATTGCCAACATTGATCGTATTACAAAGTATATGTCCCGGGTCCACGGCAT
 GCATCCCAAAGAGACCACGCGGAGCTGAGCTTAGCTGTGAAAGATGGTCTCATTGTGAAACTCTAACA
 GTGGGCTGCAAAGGTTCAAAGCTGGCATTGAACAGGAAGGATATTGGTTACCAGGAGATGAGATTAGCA
 TTAAGAAGAAGCATTCTAACAAGCAGGAGATGGGCACCTACCTGAGGTTTCATCGTCTCCCGCATGAAGGA
 GCGGGCTATAGACCTTAATAAAAAGGAAAGGACAGTAAGCACCCGATGTACCGGAGACTGGTCCACTCA
 GCTGTGGACGTCCTACCATAACAAGAGAAGGTGAATGAGGGGAAGTACCGGAGTTATGAGGAGTTCAAGG
 CTGACGCACAGCTGCTTCTCCACAACACAGTGATCTTCTATGGAGCAGACAGTGAGCAAGCGGACATTGC
 AAGGATGCTCTATAAAGACACGTGTCATGAGCTGGACGAGCTGCAGCTTTGCAAGAAGCTTCTACCTG
 TCAAACGCACGGCCGACAACCTGGTTCTGCTACCTTGCATACCTAATCATGAGCTGGTTTGGGGTAAAA
 TGAAGGTTTTGGGTTTTGGCCAGCCAAAGTCATGCAGAAAGAAGACAATCAAGTTGATGTTTCGCTTCTT
 TGGCCATCACCACCAGAGGGCCTGGATTCTTCTGAAAACATTACAGGACATCACAGTCAATGTTACCCGA
 CTGCATGTGAAGCGCAGCATGGGCTGGAAAAAGGCCTGTGATGAGCTGGAGCTGCATCAGCGGTTCTCC
 GTGAAGGGAGGTTCTGGAAGTCTAAGAATGAGGACCGAGGTGAGGAAGAGGCAGAATCCAGTATCTCCTC
 CACCAGTAATGAACAGCTGAAGGCCACTCAAGAGCCAAGAGCAAAGAAAGGACGACGTAATCAGAGTGTG
 GAGCCCAAAAAGGAAGAACCAGAGCCAGAAACGGAAGCAGTAAGTTCCAGCCAGGAAATCCCCACAATGC
 CTCAGCCAATTGAGAGGGTGTCAAGTCAACCCAGACCAAGAAGTTAAGTGCCTTCCCCAAGAATGCT
 GCACCGAAGCACTCAGACGGCGAGCGATGGCGTCTGTGTCAGAGCATGTGCCACGACAAGTACACCAAAATT
 TTTAATGACTTTAAAGACAGGATGAAGTCGACCACAAGCGTGAAACAGAGAGAGTGGTGCGGGAAGCGC
 TGGAAAAGTTGCGTTCTGAAATGGAAGAAGAAAAAGACAAGCTGTAATAAAGCTGTAGCCAACATGCA
 GGGTGAGATGGACAGAAAGTGTAAAGCAGGTGAAGGAAAAGTGAAGGAAGAATTTGTAGAGGAGATCAAG
 AAGCTAGCGGCCAGCACAAGCAGCTCATTTCTCAGACCAAGAAGAAGCAGTGGTGTACAACCTGTGAGG
 AGGAGGCCATGTACCACTGCTGCTGGAACACGTCCTACTGCTCCATCAAGTGCCAGCAGGAGCACTGGCA
 CGCAGAGCACAAGCGCACCTGCCGCCGAAGAGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR200134 representing NM_203368
 Red=Cloning site Green=Tags(s)

MARLTKRRQADTKAIQHLWAAIEIIRNQKQIANIDRITKYMSRVHGMHPKETTRQLSLAVKDGILIVETLT
 VGCKGSKAGIEQEGYWLPGEDEISIKKKHSNKQEMGYLRFIVSRMKERAIDLNKKGKSKHPMYRRLVHS
 AVDVPTIQEKVNEGKYRSYEEFKADAQLLLHNTVIFYGADSEQADIARMLYKDTCHELDELQLCKNCFYL
 SNARPDNWFYCYPINHELWVAKMKGFVWPAKVMQKEDNQVDVRFVGHHRQAWIPSENIQDITVNVHR
 LHVKRSMGWKKACDELELHQRFLREGRFWKSKNEDRGEAAESSISSTSNELKATQEPRAKKGRRNQSV
 EPKKEPEPETEAVSSSQEIPMPQPIERVSSTQTKKL SASSPRMLHRSTQASDGVCSMCHDKYTKI
 FNDFKDRMKS DHKRETERV VREALEKLRSEMEEEKRQAVNKAVANMQGEMDRKCKQVKECKEKFVEEIK
 KLAQAQHKQLISQTKKQWCYNCEEEAMYHCCWNTSYCSIKCQEHWHAEHKRTCRRKR

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:


ACCN: NM_203368

ORF Size: 1644 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_203368.2](#), [NP_976244.2](#)
RefSeq Size: 3725 bp

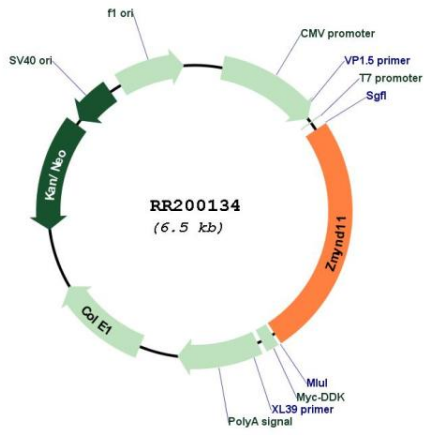
RefSeq ORF: 1647 bp

Locus ID: 291259

Cytogenetics: 17q12.1

MW: 64.3 kDa

Product images:



Circular map for RR200134