

## Product datasheet for **MC229416**

### Zmynd8 (NM\_001281926) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zmynd8 (NM_001281926) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zmynd8
Synonyms:	1110013E22Rik; 2010005I16Rik; 3632413B07Rik; AI316811; AL024039; Prkcbp1; RACK7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC229416 representing NM_001281926 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGATATCTCTACTCGCTCAAAGATCCTGTCTCTACAGAGAAAACGGCCCGAAACGGAGGTTCCCA  
GCCCTCCACATTCCTCCAATGGCCATTCGCCCAAGACTCATCCACGAGCCCATAAAAAGAAAAAGAA  
ACCCGGCTTACTCAACAGTAGCAATAAGGAACAGGACGGACGGAATGACTTCTATTGCTGGGTTTGT  
CGGAAGGACAAGTCTTTGCTGTGAGCTCTGTCCCGGGTTTATCACGCTAAGTGTCTGAGACTGACAT  
CGGAGCCAGAGGGGGACTGGTTTTGTCCTGAATGTGAGAAGATTACAGTAGCAGAATGCATCGAGACGCA  
GAGCAAAGCCATGACCATGCTGACCATTGAACAACTGTCCTACCTGCTCAAGTTTGCCATTAGAAAATG  
AAGCAGCCAGGGACGGATGCATTCCAGAAGCCTGTTCCATTGGAGCAACACCCCTGACTATGCAGAAATA  
TTTTCCACCCATGGACCTTTGTACATTGGAAAAGAATGCAAAAAAGAAGATGTACGGCTGCACAGAAGC  
CTTCTGGCCGATGCCAAGTGGATCCTGCACAACCTGCATTATTTATAATGGGGGAAATCACAAGTTGACG  
CAAATAGCAAAAGTCGTCATCAAAATCTGTGAGCAGGAGATGAATGAAATCGAAGTCTGCCAGAATGTT  
ATCTTGCAGCTTGCCAAAACGAGACAACCTGGTTCTGTGAGCCCTGTAGCAATCCGACCCCTTTGGTCTG  
GGCAAAACTGAAAGGATTTCCATTCTGGCCAGCGAAAGCTCTGAGGGACAAGACGGGCAGGTTGACGCC  
CGTTTTCTTTGGACAACATGACAGAGCCTGGGTTCCAGTCAATAATTGCTACCTCATGTCTAAAGAAATCC  
CCTTTTCTGTGAAAAAGACTAAAAGTATCTTCAACAGCGCCATGCAAGAGATGGAAGTTTACGTGGAGAA  
CATACGGAGGAAGTTTGGGGTTTTAATTACTCCCGTTCCAGGACGCCCTACACGCCCAACAACAGTAC  
CAAATGCTGTGGATCCCAGCAACCCAGCGGGGCACAGCCAAGACAGACAAACAGGAGAAGGTGAAGC  
TTAATTTTGACATGACAGCGTCCCAAGATCCTTCTGAGCAAGCCCTTCTGAGCGGGGTGCCGGCCG  
CAGGATCTCCCTGTCGACATGCCTCGCTCCCCACCAGTACGAACTCTCCGTGCACACGGGCTCCGAT  
GTGGAGCAGGACCCGAGAAGAAGGCCCGTCCAGCCACTTCAGCGCAAGCGAGGAGTCCATGGACTTCC  
TTGATAAGAGCACAGTTCTCCAGCCTCCACCAAGACGGGGCAAGCCGGGAGCTTGTCTGGCAGCCAAA  
GCCTTTCTCTCCGAAGCGCCGACACCCATCATGACAAAACCCGACAAGACTTCCACCTCCACCACCGGG  
AGCATCTGAACCTGAACCTGGATCGAAGCAAGGCCGAGATGGACCTGAAGGAGCTGAGCGAGTCCGGTCC



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AGCAGCAGTCAGCCCCGTCCTCTCATCTCTCCAAGCGGCAGATTCTGAAGCCGGTTCCAGCTCAACCT
GGACAAGACCATAGAGAGTTGCAAAGCACAGCTAGGCATAAATGAGATCTCAGAGGATGTTTATACAGCC
GTGGAGCACAGCGATTCCGAGGACTCCGAAAAGTCGGAGAGCAGCGACAGCGAGTACGTCAGCGATGAGG
AACAGAAGCCCAAGAATGAGCCCGAGGACCCCGAGGACAAAGAGGGGAGTCGGGTGGACAAAGAGGCCCC
TGCCATCAAAGGAAGCCCAACCACAAACCAGGTAGAGGTCAAAGAGGAAGCGAAGAGCAACTCTCCT
GTCAGCGAGAAGCCGGACCCACACCCGCCAAGGACAAGGCCAGCCAGAGCCTGAGAAGGACTTGTAG
AGAAAGCAAAGCCATCACCTCATCCACAAAGGACAAACTGAAAGGAAAGGATGAAACGGATTCTCCAC
AGTGCACTTGGGCTTGGATTTCGGACTCGGAGAGCGAACTTGTATAGACTTAGGAGAGGATCCTTCTGGG
AGGGAGGGTGCAGAAAAACAAGAAAGATCCCAAGGTGCCGTGCGCTAAGCAAGACGCTATAGGTAAACCGC
CACCGTCGTCCACTTCGGCGGGCAACCAGTCTCCCCAGAGACACCGGTACTIONCACCCGCTCAGCCACCCA
AGCACCCGCGGCTGGGGTACCCTGGCCGCCACCACCAGCAGATGTCTACCCTCACAGTCACGGCA
CCGGCCACCGCCGTACGGGAAGCCGGTGAAGAAGCAGAGGCCGCTCTTACCGAAGGAGACTGTCCAG
CTGTGCAGCGGGTGTGGAACGCATCAACTGTCCAGCAGAAGGAGTACCCAGAGCCATCCACGTC
CACCATCAGCTGGTGACCAGCACAGCCGGCAGCCCTGGTCAGCAGTTCGGGCTCAGCAAGCACCTG
GGTCTGCAATCAATGCCGACCTTCCATTGCCACCGCCTCGGCCGAGCTGGCCGAGACATTGCCAAGT
ACACCAGCAAAATGATGGATGCCATAAAGGGGACGATGACAGAAATCTACAATGACTCTCCAAGAACAC
CACTGGGAGCACAAATAGCTGAGATTCTGAAGGCTGAGGATTGAGATTGAGAAACTGCAAGTGGCTGCACCAG
CAGGAGCTCGCTGAGATGAAGCACAACTGGAGTTGACCATGGCCGAGATGCGGCAGAGCCTGGAACAGG
AGCGGGATCGGCTCATTGCCGAGGTGAAAAGCAACTGGAGTGGAGAAGCAGCAGGCCGTTGGACGAGAC
CAAGAAGAAGCAGTGGTGTGCCAACTGCAAGAAGGAGGCCATTTCTACTGCTGTGGAACACCAGCTAC
TGTGACTACCCCTGTGACGAGGCCACTGGCCGAGCAGATGAAGTCTGTACCCAGTCCGGCAGTCCCC
CTCAGCAGGAAGCAGATGCCGAGGCAAGCACAGAAACAGGAAATAAGTATCGCAGGGCAACTCTCCAA
CACACAGTCAGCACCTTCAGAACCGGCCAGCCCCAAAGAGAAAGAGGCCAGCCGGAAGAGCAAG
GACAGTAGTAAGTACGACCCTGGATCTTTCCGGCTCCAGAGAGACGCCCTCTATGCTCTTAGGCTCCA
ATCAAAGCTCTGTAGCAAGAGGTGTGACAAGCAGCCTGCCTATACCCCAACCACTACAGACCACCAGCC
GCACCCCAACTACCCAGCCAGAAAGTACCATTCCCGGAGCAGCAAGGCAGGTTTGTGGAGCAGCAGCGAG
GAGAAGCGAGCGTCATCCCGCTCTGAGCACAGTGGAGGGACCAGCACGAAGAACCTCATGCCCAAAGAGT
CCCGGGAGTCTCGGCTAGATGCCTTCTGGGACTAG

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**ACGGCT**ACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001281926
- Insert Size:** 3465 bp
- OTI Disclaimer:** 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001281926.1](#), [NP\\_001268855.1](#)

**RefSeq Size:** 5079 bp

**RefSeq ORF:** 3465 bp

**Locus ID:** 228880

**Cytogenetics:** 2 H3