

Product datasheet for **MC229444**

Zmynd8 (NM_001252584) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zmynd8 (NM_001252584) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zmynd8
Synonyms:	1110013E22Rik; 2010005116Rik; 3632413B07Rik; AI316811; AL024039; Prkcbp1; RACK7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC229444 representing NM_001252584 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCATCCACAGAGCTTGGCTGAAGAGGAAATAAAAACCGAGCAGGAGGTGGTGGAGGGAATGGATATCT
CTACTCGCTCAAAGATCCTGTCTCTACAGAGAAAACGGCCCCGAAACGGAGGTTCCCCAGCCCTCCACA
TTCTCCAATGGCCATTCGCCCAAGACTCATCCACGAGCCCCATTAAGAAAAGAAAAGAAAACCCGGCTTA
CTCAACAGTAGCAATAAGGAACAGGACGGACGGAATGACTTCTATTGCTGGGTTTGTACCGGGAAGGAC
AAGTCTTTGCTGTGAGCTCTGTCCCGGGTTATCACGTAAGTGTCTGAGACTGACATCGGAGCCAGA
GGGGGACTGGTTTTGTCCTGAATGTGAGAAGATTACAGTAGCAGAATGCATCGAGACGCAGAGCAAAGCC
ATGACCATGCTGACCATGAACAACCTGTCTACCTGCTCAAGTTTGCATTTCAGAAAATGAAGCAGCCAG
GGACGGATGCATTCCAGAAGCCTGTTCCATTGGAGCAACCCCTGACTATGCAGAATATATTTCCACCC
CATGGACCTTTGTACATTGAAAAAGAAATGCAAAAAAGAAATGTACGGCTGCACAGAAGCCTTCTGGCC
GATGCCAAGTGGATCCTGCACAACCTGCATTATTTATAATGGGGGAAATCACAAGTTGACGCAAAATAGCAA
AAGTCGTCATCAAAATCTGTGAGCAGGAGATGAATGAAATCGAAGTCTGTCCAGAATGTTATCTTGACG
TTGCCAAAAACGAGACAACCTGGTTCTGTGAGCCCTGTAGCAATCCGCACCCCTTTGGTCTGGGCAAACTG
AAAGGATTTCCATTCTGGCCAGCGAAAGCTCTGAGGGACAAGACGGGCAGGTTGACGCCGTTTCTTTG
GACAACATGACAGAGCCTGGGTTCCAGTCAATAATTGCTACCTCATGTCTAAAGAAATCCCTTTTCTGT
GAAAAAGACTAAAAGTATCTTCAACAGCGCCATGCAAGAGATGGAAGTTTACGTGGAGAACATACGGAGG
AAGTTTGGGGTTTTTAATTACTCCCGTTCCAGGACGCCCTACACGCCCAACAACAGTACCAATGCTGC
TGGATCCCAGCAACCCAGCGCGGGCACAGCCAAGACAGACAAACAGGAGAAGGTGAAGCTTAATTTTGA
CATGACAGCGTCCCCAAGATCCTTCTGAGCAAGCCCTTCTGAGCGGGGTGCCGCGCAGGATCTCC
CTGTCCGACATGCCTCGCTCCCCACCAGTACGAACTTCCGTGCACACGGGCTCCGATGTGGAGCAGG
ACCCCGAGAAGAAGGCCCGTCCAGCCACTTCAGCGCAAGCGAGGAGTCCATGGACTTCTTGATAGAG
CACAGTTCTCCAGCCTCCACCAAGACGGGCAAGCCGGGAGCTTGTCTGGCAGCCAAAGCCTTTCTCT
CCGCAAGCGCCGACCCCATCATGACAAAACCCGACAAGACTTCCACCTCCACCACCGGGAGCATCTGTA



[View online »](#)

ACCTGAACCTGGATCGAAGCAAGGCCGAGATGGACCTGAAGGAGCTGAGCGAGTCGGTCCAGCAGCAGTC
 AGCCCCGTCCCTCTCATCTCTCCCAAGCGGCAGATTCGAAGCCGGTCCAGCTCAACCTGGACAAGACC
 ATAGAGAGTTGCAAAGCACAGCTAGGCATAAATGAGATCTCAGAGGATGTTTATACAGCCGTGGAGCACA
 GCGATTCGAGGACTCCGAAAAGTCGGAGAGCAGCGACAGCGAGTACGTACGCGATGAGGAACAGAAGCC
 CAAGAATGAGCCCAGGACCCCGAGGACAAAGAGGGGAGTCGGGTGGACAAGAGGCCCTGCCATCAA
 AGGAAGCCCAAACCCACAACCAGGTAGAGGTCAAAGAGGAAGCGAAGAGCAACTCTCTGTCCAGCGAGA
 AGCCGGACCCACACCCGCAAGGACAAGGCCAGCCAGAGCCTGAGAAGGACTTTGTAGAGAAAGCAAA
 GCCATCACCTCATCCACAAAGGACAAACTGAAAAGGAAAGGATGAAACGGATTCTCCACAGTGCACTTG
 GGCTTGATTTCGACTCGGAGAGCGAACTTGTCATAGACTTAGGAGAGGATCCTTCTGGGAGGGAGGGTC
 GAAAAACAAGAAAGATCCCAAGGTGCCGTGCGCTAAGCAAGACGCTATAGGTAAACCGCCACCGTCGTC
 CACTTCGGCGGGCAACCAGTCTCCCCAGAGACACCGGTACTCACCCGCTCAGCCACCCAAGCACCCGCG
 GCTGGGGTCAACGTGGCCGCCACCACCAGCAGATGTCTACCGTCACAGTACCGGCACCGGCCACCG
 CCGTCACGGGAAGCCCGGTGAAGAAGCAGAGGCCGCTCTACCGAAGGAGACTGTCCAGCTGTGCAGCG
 GGTGCTGTGGAACGCATCAACTGTCCAGCAGAAGGAGGTACCCAGAGCCATCCACGTCCACCATCAG
 CTGGTGACCAGCACACAGCCGGCAGCCCTGGTCAGCAGTTCGGGCTCAGCAAGCACCTGGCGTCTGCAA
 TCAATGCCGACCTTCCCATTGCCACCGCTCGGCCGACGTGGCCGACAGATTGCCAAGTACACCAGCAA
 AATGATGGATGCCATAAAGGGGACGATGACAGAAATCTACAATGACCTCTCCAAGAACCACTGGGAGC
 ACAATAGCTGAGATTCGAAGGCTGAGGATTGAGATTGAGAAACTGCAGTGGCTGCACCAGCAGGAGCTCG
 CTGAGATGAAGCACAACCTGGAGTTGACCATGGCCGAGATGCGGCAGAGCCTGGAACAGGAGCGGGATCG
 GCTCATTGCCGAGGTGAAAAAGCAACTGGAGCTGGAGAAGCAGCAGGCGGTGGACGAGACCAAGAAGAAG
 CAGTGGTGTGCCAACTGCAAGAAGGAGGCCATTTTCTACTGCTGCTGGAACACCAGCTACTGTGACTACC
 CCTGTACGAGGCCCACTGGCCCGAGCACATGAAGTCTGTACCCAGTCGGCGACTGCCCTCAGCAGGA
 AGCAGATGCCGAGGCAAGCACAGAAACAGGAAATAGTCATCGCAGGGCAACTCTCCAACACACAGTCA
 GCACCTTCAGAACCAGCCAGCGCCCAAGAGAAAGAGGCGCCAGCGGAGAAGAGCAAGGACAGTGTAGTA
 ACTCGACCCTGGATCTTCCGGTCCAGAGAGACGCCCTCCTCTATGCTCTTAGGCTCCAATCAAAGCTC
 TGTTAGCAAGAGGTGTGACAAGCAGCCTGCCTATACCCCAACCACTACAGACCACCAGCCGACCCCAAC
 TACCCAGCCAGAAAGTACCATTCCCGGAGCAGCAAGGCAGGTTTGTGGAGCAGCAGGAGGAAGCGAG
 CGTCATCCCGCTCTGAGCACAGTGGAGGGACCAGCACGAAGAACCTCATGCCAAAGAGTCCCGGGAGTC
 TCGGCTAGATGCCTTCTGGGACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001252584
- Insert Size:** 3525 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_001252584.2](#), [NP_001239513.1](#)

RefSeq Size: 5180 bp

RefSeq ORF: 3525 bp

Locus ID: 228880

Cytogenetics: 2 H3