

Product datasheet for **MC228028**

Zmynd8 (NM_001252587) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zmynd8 (NM_001252587) 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



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Fully Sequenced ORF: >MC228028 representing NM_001252587
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCATCCACAGAGCTTGGCTGAAGAGGAAATAAAAACCGAGCAGGAGGTGGTGGAGGGAATGGATATCT
 CTA CTACTCGCTCCAAGAACCTAAGGAAGATCCTGTCTCTACAGAGAAAACGGCCCCGAAACGGAGGTTCCC
 CAGCCCTCCACATTCTCCAATGGCCATTCCGCCCAAGACTCATCCACGAGCCCCATTAAAAAGAAAAAG
 AAACCCGGCTTACTCAACAGTAGCAATAAGGAACAGGACGGACGGAATGACTTCTATTGCTGGGTTTGTC
 ACCGGGAAGGACAAGTCTTTGCTGTGAGCTCTGTCCCGGGTTTATCACGCTAAGTGTCTGAGACTGAC
 ATCGGAGCCAGAGGGGACTGGTTTTGCTCTGAATGTGAGAAGATTACAGTAGCAGAATGCATCGAGACG
 CAGAGCAAAGCCATGACCATGCTGACCATTGAACAACCTGTCTACCTGCTCAAGTTTGCCATTAGAAAA
 TGAAGCAGCCAGGACGGATGCATTCCAGAAGCCTGTTCCATTGGAGCAACCCCTGACTATGCAGAATA
 TATTTTCCACCCATGGACCTTTGTACATTGGAAAAGAATGCAAAAAAGAAGATGTACGGCTGCACAGAA
 GCCTTCTGGCCGATGCCAAGTGGATCCTGCACAACCTGCATTATTATAATGGGGGAAATACAAGTTGA
 CGCAAATAGCAAAAGTCGTCATCAAATCTGTGAGCACGAGATGAATGAAATCGAAGTCTGTCCAGAATG
 TTATCTTGCGACTTGCCAAAAACGAGACAACTGGTTCTGTGAGCCCTGTAGCAATCCGCACCCTTTGGTC
 TGGGCAAAACTGAAAGGATTTCCATTCTGGCCAGCGAAAGCTCTGAGGGACAAAGACGGGACGGTTGACG
 CCCGTTTCTTTGGACAACATGACAGAGCCTGGGTTCCAGTCAATAATTGCTACCTCATGTCTAAAGAAAT
 CCCCTTTTCTGTGAAAAAGACTAAAAGTATCTTCAACAGCGCCATGCAAGAGATGGAAGTTTACGTGGAG
 AACATACGGAGGAAGTTTGGGGTTTTTAATTACTCCCCGTTCCAGGACGCCCTACACGCCCAACAACCCAGT
 ACCAAATGCTGCTGGATCCCAGCAACCCAGCGGGCACAGCCAAGACAGACAAACAGGAGAAGGTGAA
 GCTTAATTTTGACATGACAGCGTCCCCAAGATCCTTCTGAGCAAGCCCTTCTGAGCGGGGGTGCCGGC
 CGCAGGATCTCCCTGTCCGACATGCCTCGCTCCCCACCAGTACGAACTCTTCCGTGCACACGGGCTCCG
 ATGTGGAGCAGGACCCCGAGAAGAAGGCCCGTCCAGCCACTTCAGCGCAAGCGAGGAGTCCATGGACTT
 CCTTGATAAGAGCACAGGTGAGCCCCAGTTGGGAGAGTTGGGTAGGAGGCCACTTGGTGCATTCTGGCGT
 CCCTGGATGCCTCCCTCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001252587
- Insert Size:** 1491 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_001252587.2](#), [NP_001239516.1](#)

RefSeq Size: 2718 bp

RefSeq ORF: 1491 bp

Locus ID: 228880

Cytogenetics: 2 H3