

Product datasheet for MC229465

Zmynd8 (NM_001252585) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zmynd8 (NM_001252585) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zmynd8
Synonyms:	1110013E22Rik; 2010005116Rik; 3632413B07Rik; AI316811; AL024039; Prkcbp1; RACK7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC229465 representing NM_001252585 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTGCCCGGGAGCTTGCTACTGTCCTCTTTTGAACAGAGGAGCCAGGCTCTCTAAGCGGCCAAG
CTGCCTCTATGGCGGATCCTGTCTCTACAGAGAAAACGGCCCCGAAACGGAGGTTCCCCAGCCCTCCACA
TTCTCCAATGGCCATTCGCCCAAGACTCATCCACGAGCCCCATTAAGAAAGAAAAGAAACCCGGCTTA
CTCAACAGTAGCAATAAGGAACAGTCAGAGCTAAGACATGGTCCGTTTTACTATATGAAGCAGCCACTCA
CCACAGACCCTGTTGATGTTGTACCGCAGGACGGACGGAATGACTTCTATTGCTGGGTTTGTACCAGGGA
AGGACAAGTCCTTTGCTGTGAGCTCTGTCCCCGGGTTTATCACGCTAAGTGTCTGAGACTGACATCGGAG
CCAGAGGGGGACTGGTTTTGCTCGAATGTGAGAAGATTACAGTAGCAGAATGCATCGAGACGCAGAGCA
AAGCCATGACCATGCTGACCATTTGAACAACGTCTACCTGCTCAAGTTTGCCATTGAGAAAATGAAGCA
GCCAGGGACGGATGCATTCCAGAAGCCTGTTCCATTGGAGCAACACCCTGACTATGCAGAATATATTTTC
CACCCATGGACCTTTGTACATTGGAAGAAGATGCAAAAAGAAGATGTACGGCTGCACAGAAGCCTTCC
TGGCCGATGCCAAGTGGATCCTGCACAACCTGCATTATTTATAATGGGGGAAATCACAAGTTGACGCCAAAT
AGCAAAAGTCGTCATCAAAATCTGTGAGCAGGAGATGAATGAAATCGAAGTCTGTCCAGAATGTTATCTT
GCAGCTTGCCAAAACGAGACAACCTGGTCTGTGAGCCCTGTAGCAATCCGACCCTTTGGTCTGGGCAA
AACTGAAAGGATTTCCATTCTGGCCAGCGAAAGCTCTGAGGACAAAGACGGGCAGGTTGACGCCGTTT
CTTTGGACAACATGACAGAGCCTGGGTTCCAGTCAATAATTGCTACCTCATGTCTAAAGAAATCCCTTT
TCTGTGAAAAGACTAAAAGTATCTTCAACAGCGCCATGCAAGAGATGGAAGTTTACGTGGAGAACATAC
GGAGGAAGTTTGGGGTTTTAATACTCCCGTTCCAGGACGCCCTACACGCCCAACAACAGTACCAAAAT
GCTGCTGGATCCCAGCAACCCAGCGGGGCACAGCCAAGACAGACAAACAGGAGAAGGTGAAGCTTAAT
TTTGACATGACAGCGTCCCCAAGATCCTTCTGAGCAAGCCCCTTCTGAGCGGGGTGCCGGCCGAGGA
TCTCCCTGTCCGACATGCCTCGCTCCCCACCAGTACGAACTCTCCGTGCACACGGGCTCCGATGTGGA
GCAGGACCCCGAGAAGAAGGCCCGTCCAGCCACTTCAGCGCAAGCGAGGAGTCCATGGACTTCTTGAT



```
AAGAGCACAGCTTCTCCAGCCTCCACCAAGACGGGGCAAGCCGGGAGCTTGTCTGGCAGCCCAAAGCCTT
TCTCTCCGCAAGCGCCGACCCCATCATGACAAAACCCGACAAGACTTCCACCTCCACCACCGGGAGCAT
CCTGAACCTGAACCTGGATCGAAGCAAGGCCGAGATGGACCTGAAGGAGCTGAGCGAGTCGGTCCAGCAG
CAGTCAGCCCCCGTCCCTCTCATCTCTCCAAGCGGCAGATTGAAAGCCGGTTCAGCTCAACCTGGACA
AGACCATAGAGAGTTGCAAAGCACAGCTAGGCATAAATGAGATCTCAGAGGATGTTTATACAGCCGTGGA
GCACAGCGATTCCGAGGACTCCGAAAAGTCCGAGAGCAGCGACAGCGAGTACGTCAGCGATGAGGAACAG
AAGCCCAAGAATGAGCCCGAGGACCCCGAGGACAAGAGGGGAGTCGGGTGGACAAGAGGCCCTGCCA
TCAAAGGAAGCCCAAACCCACAACCAGGTAGAGGTCAAAGAGGAAGCGAAGAGCAACTCTCCTGTGAG
CGAGAAGCCGGACCCACACCCGCCAAGGACAAGGCCAGCCAGAGCCTGAGAAGGACTTGTAGAGAAA
GCAAAGCCATCACCTCATCCACAAGGACAAACTGAAAGGAAAGGATGAAACGGATTCTCCACAGTGC
ACTTGGGCTTGGATTCGGACTCGGAGAGCGAACTTGTCATAGACTTAGGAGAGGATCCTTCTGGGAGGGA
GGGTCGAAAAACAAGAAAGATCCCAAGGTGCCGTGCGCTAAGCAAGACGCTATAGGTAACCGCCACCG
TCGTCCACTTCGGCGGGCAACCAGTCTCCCCAGAGACACCGGTACTCACCGCTCAGCCACCCAAGCAC
CCGCGGCTGGGGTCAACGTGGCCGCCGCCACCACCAGCAGATGTCTACCGTACAGTACGGCACCGGC
CACCGCGTACGGGAAGCCCGTGAAGAAGCAGAGGCCGCTTTACCGAAGGAGACTGTCCAGCTGTG
CAGCGGGTGTGGAACGCATCAACTGTCCAGCAGAAGGAGGTACCCAGAGCCATCCAGTCCACCA
TCACGCTGGTGACCAGCACAGCCGGCAGCCCTGGTCAGCAGTTCGGGCTCAGCAAGCACCCCTGGCGTC
TGCAATCAATGCCGACCTTCCCATTGCCACCGCCTCGGCCGACGTGGCCGAGACATTGCCAAGTACACC
AGCAAAATGATGGATGCCATAAAGGGGACGATGACAGAAATCTACAATGACCTCTCCAAGAACCACCTG
GGAGCACAAATAGCTGAGATTCGAAGGCTGAGGATTGAGATTGAGAAACTGCAGTGGCTGCACCAGCAGGA
GCTCGTGAGATGAAGCACAACTGGAGTTGACCATGGCCGAGATGCGGCAGAGCCTGGAACAGGAGCGG
GATCGGCTCATTGCCGAGGTGAAAAGCAACTGGAGCTGGAGAAGCAGCAGGCGGTGGACGAGACCAAGA
AGAAGCAGTGGTGTGCCAACTGCAAGAAGGAGGCCATTTTCTACTGCTGGAACACCAGCTACTGTGA
CTACCCCTGTGAGCAGGCCCACTGGCCCGAGCACATGAAGTCTGTACCCAGTCGGCGACTGCCCTCAG
CAGGAAGCAGATGCCGAGCAAGCACAGAAACAGGAAATAAGTCATCGCAGGGCAACTCCTCCAACACAC
AGTCAGCACCTTCAGAACCAGCCAGCGCCCAAGAGAAAGAGGCGCCAGCGGAGAAGGACAAGGACAG
TAGTAACTCGACCCTGGATCTTTCGGCTCCAGAGAGACGCCCTCCTCTATGCTCTTAGGCTCCAATCAA
AGCTCTGTAGCAAGAGGTGTGACAAGCAGCCTGCCTATACCCCAACCACTACAGACCACCAGCCGACC
CCAACCTACCCAGCCAGAAGTACCATTCCCGGAGCAGCAAGGCAGGTTTGTGGAGCAGCAGGAGGAGAA
GCGAGCGTCATCCGCTCTGAGCACAGTGGAGGGACCAGCACGAAGAACCTCATGCCCAAAGAGTCCCGG
GAGTCTCGGCTAGATGCCTTCTGGGACTAG
```

```
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
```

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001252585
- Insert Size:** 3600 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_001252585.1](#), [NP_001239514.1](#)

RefSeq Size: 5072 bp

RefSeq ORF: 3600 bp

Locus ID: 228880

Cytogenetics: 2 H3