

Product datasheet for RN212873

Zmynd8 (NM_001100838) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zmynd8 (NM_001100838) Rat Untagged Clone
Tag: Tag Free
Symbol: Zmynd8
Synonyms: Prkcbp1; spikar
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212873 representing NM_001100838
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGACATCTCTACTCGCTCAAAGATCCTGGCTCTACCGAGAGAACGGCCAGAAACGGAAGTCCCCA
 GCCCCCCACATTCCTCCAATGGCCATTCGCCCCAGGACTCATCCACAAGCCCCATTA AAAAGAAAAAGAA
 ACCCGGCTTACTGAACAGTAGCAGTAAGGATCAGTCAGAGCTAAGACATGGTCCGTTTTACTATATGAAG
 CAGCCACTCACCACAGACCCTGTTGATGTTGTACCGCAGGACGGACGGAATGACTTCTATTGCTGGGTTT
 GTCACCGGGAAGGACAAGTCTTTGCTGTGAGCTCTGTCCCCGGGTTTATCACGTAAGTGTCTGAGACT
 GACATCGGAACCAGAGGGGGACTGGTTTTGTCTGAATGTGAGAAGATTACAGTAGCAGAATGCATCGAG
 ACGCAGAGCAAAGCCATGACCATGCTGACCATCGAACAGCTGTCTACCTGCTCAAGTTTGTATTTCAGA
 AAATGAAGCAGCCCGGGACGGACGATTCCAGAAGCCGTTCCGTTGGAACAGCACCCCGACTATGCAGA
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 ATGCCCGTTTCTTGGACAACATGACAGAGCCTGGGTTCCAGTCAATAATTGCTACCTCATGTCAAAGA
 AATCCCCTTTTCTGTGAAAAAGACTAAGAGTATCTTCAACAGCGCCATGCAGGAGATGGAAGTTTACGTG
 GAGAACATACGGAAGAAGTTCGGGGTTTTAATTACTCCCCGTTCCAGGACGCCCTACACCCCAATAGCC
 AGTACCAAATGCTGCTGGATCCCAGCAATCCCAGCGCCGCACTGCCAAGACAGACAAACAGGAGAAGGT
 GAAGCTCAATTTGACATGACGGCGTCCCCAAGATCATTCTGAGCAAGCCCTTCTGAGCGGGGGCGCG
 GGCCGCAGGATCTCCCTGTCCGACATGCCTCGCTCCCCACCAGCACGAACTCCTCTGTGCACACGGGCT
 CCGATGTGGAGCAGGACCCCGAGAAGAAGGCCCATCCAGCCACTTCAGCGCAAGCGAAGAGTCCATGGA
 CTTCTTGATAAGAGCACAGCGTCTCCAGCCTCCACCAAGACGGGGCAAGCAGGGAGCTTGTCCGGCAGC
 CCGAAGCCCTTCTCCACAAGCGCCAACGCCCATCATGACGAAACCTGACAAGACCTCCACCGCCACCA



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CCGGGAGCATCCTGAACTTGAACCTGGATCGAAGCAAAGCCGAGATGGACCTGAAGGAGCTGAGCGAGTC
GGTCCAGCAGCAGTCAGCTCCCCTCCCCCTCATCTCTCCAAGCGGCAAATTCGAAGCCGTTTCCAGCTC
AACCTGGACAAGACCATAGAGAGTTGCAAAGCACAGCTAGGCATAAACGAGATCTCGGAGGACGTTTATA
CGGCCGTGGAGCACAGCGACTCAGAGGATTCGGAAGAGTCAGAGAGCAGCGACAGCGAGTACGTCAGCGA
CGAGGAACAGAAGCCCAAGAATGAGCCGGAGGACCCCGAGGACAAGGAGGGGAGCCGGTGGACAAAGAG
GCCCTGCCATCAAAGGAAGCCCAAGCCCTCGAACAGGTGGAGGTCAAAGAGGAAGTGAAGAGTAAC
CGCCGTTGGAGAGAAAGTGGACCCCGCACCCCGCAAGGACAAGGCCAGCCCGAGCCCGAGAAGGACTT
TGCAGAGAAAGCAAAGCCATCCCCTCACCCACGAAGGACAAATTTGAAGGGAAAGGATGAGACAGATTCT
CCCACAGTGCACCTGGGCTTGGATTTCGGACTCAGAGAGCGAACTTGTATAGACTTAGGAGAAGATCCTT
CTGGGCGGGAGGGTCAAAAAACAAGAAAGAGCCCAAGGTGCCGTGCGCCAAGCAGGATGCCATAGGTAA
ACCGCCACCACCCACTCCGGCCGCAACCAGTCTCCCCAGAGACGCCGTTCTCACCCGCTCAGCCACG
CAAGCACCTGCGGCCGGGTACCGTGGCTGCCACCACCAGCAGCATGTCTACCGTCACGGTCACAGCGC
CGGCCACCGCCGCTACCGGAAGCCAGTGAAGAAGCAGAGGCCGCTTTACCGAAGGAGACTGTCCC
AGCCGTGCAGCGGTCTGTGGAACGCATCAAGTAAGTTTCAAACGTCTCCCAAAGTGGCACATGCAG
AAGATACAGCGCCAGCAGCAGCAGCAACAGCAGCAGCAACAGCAGAGCCAAACAGCAGCAGCCTC
AGTCTTCCAGGGGACAAGATATCAGACCAGACAGGCCGTGAAAGCTGTCCAGCAGAAGGAGGTACCCCA
GAGCCCGTCCACATCCACCATCACGCTGGTGACCAGCACACAGCCGCGAGCCCTGGTCAGCAGCTCGGGC
TCTGCCAGTACCTTAGCGTCTGTGATCAACGCTGACCTGCCCATTTGCCACTGCCTCAGCCGATGTGGCTG
CGGACATTTGCAAGTACACCAGCAAAATGATGGACGCCATAAAGGGGACTATGACAGAAATCTACAACGA
CCTCTCCAAGAACCACCTGGGAGCACAATTGCTGAGATTCGAAGGCTGAGGATTGAGATTGAGAAGCTG
CAGTGGCTGCACCAGCAGGAGCTCGCCGAGATGAAGCACAACTTGGAGTTGACCATGGCAGAGATGCGGC
AGAGCTTGAACAGGAGCGGGATCGGCTCATCGCCGAGGTGAAGAAGCAGCTGGAGCTGGAGAAGCAGCA
GGCCGTGGAGAGACCAAGAAGAAGCAGTGGTGTGCCAACTGCAAGAAGGAGGCCATTTTTACTGCTGC
TGGAACACCAGCTACTGCGACTACCCCTGTGAGCAGGCCCACTGGCCCGAGCACATGAAGTCTGTACCC
AGTCGGCTACCGCCCTCAGCAGGAAGCGGATGCTGAGGCAAACCAGGAAACAGGAAATAAGACATCTCA
GGGAGCTCTTCCAATACACAGTCAGCACCTTCAGAACCAGCCAGCACCCCAAAGAGAAAGAGACGTCG
TCATCGTCTCGAATTCCTCAACGGAGAAGAGCAAGGACAGTAACTCGACCCTGGACCTTTCCGGCT
CCAGAGAGACGCCCTCTCCATTCTTTAGGCTCCAACCAAGGCTCTGACCATTCCCGGAGCAGCAAGGC
GGGTTTGTGGAGCAGCAGCGAGGAAAAGCGAGGGTCATCCGCTCCGAGCACAGTGCAGGGACCAGCAGC
AAGAACCTCATGCCCAAAGAGTCCCGGGAGTCTAGGCTAGACACCTTCTGGGACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001100838

Insert Size:

3627 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).

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_001100838.1, NP_001094308.1

RefSeq Size: 4019 bp

RefSeq ORF: 3627 bp

Locus ID: 296374

Cytogenetics: 3q42