

Product datasheet for MC215859

Zmynd10 (NM_053253) Mouse Untagged Clone

Product data:

| | |
|----------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Zmynd10 (NM_053253) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Zmynd10 |
| Synonyms: | Blu |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| Fully Sequenced ORF: | >MC215859 representing NM_053253 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGTGACCTGGAAGTCTGCTGCCTGGGGAGGCTGAGGTGCTGGTGCAGGGCCTGCGCAGCTTCCAGC
TTCGGGAGATGGGCTCTGAAGGGTGAATAAGCAGCATGAGAGCCTGGAGAAGCTGAACATGCAAGCCAT
CCTTGATGCAACTATCAGCCAGGCTGAGCCCATCCAGGAAGTCTAATCAACCATGGGAAGATCCCAACG
CTGGTGGAGGAGCTGATTGCGGTGGAGATGTGGAACAGAAAGTTTCCCTGTGCTGTGCCGGCTGGAGG
ACTTCAAGCCCCAGAATACCTTCCCATATACATGGTGGTACACCATGAGGCCTCCATCATCAATCTCCT
AGAGACAGTGTCTTCCACAAGGAGGTGTGTGAGTCAGCTGATGACAAGGTCTTGGACCTAGTAGACTAT
TGCCACCACAAGCTGATACTGCTAGTGGCCCGAAAGGCGGTGGTACCTGTCTGAAGAAGAAGCAGTTCC
AGGACAGTACCCCTATGCAAGAGCTGCAAAAGCAGGCGGAGATGATGGAATTTGAGATATCCCTGAAAGC
CCTCTCGGTGCTTCGCTACATCACAGACTGCGTGGATAGCCTTCCCTGAGCACACTGAACCGCATGCTC
AGGACTCACAACCTGCCCTGCCCTTTGGTGAAGTCTGGAGCACAGTCCCTGGAGCCGGCGGTAGGAG
GCAAGCTGCAGCATTGAGAGTGGCCGATGGCAGACGGTGGCCCTCAGAGCAGCAAAAGCTGAATAA
ACTGGATGGGCAAGTATGGATCGCCCTGTACAATCTACTGCTCAGCCCTGAGGCCCGAGCCGTTACTGC
CTTACAAGCTTTGCCAAGGGACAGCTGCTTAAGCTTCAGGCTTCCCTCACTGACACACTACTCGACCAGT
TGCCCAATCTTGCCGATCTGAAGGGTTTCTGGCCACCTGTCCCTGGCTGAAACCCAGCCCCCTAAGAA
GGACCTAGTGTTAGAAGAGATCCAGAAATCTGGGATCGCTGGAGAGAGAGAACAAGGGAAATGGCAG
GCTATCGCAAGCACCAGCTTCAGCACGTATTCAGCCTCTCGGAGAAGGATCTTCGTCAACAAGCACAGA
GGTGGGCTGAAACCTACAGGCTGGATGTCCTAGAGGCAGTAGCTCCGGAGAGGCCCGCTGCGGCTACTG
CAACGCAGAGGCCTCAAGCGCTGCTCCAGATGCCAGAATGTGTGGTATTGCTGCAGGGAGTGTCAAGTC
AAGCACTGGGAGAAGCACGGAAGACATGTGTTCTAGCAGCCCAAGGTGACAGAGCCAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

| | |
|-------------------------------|---|
| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_053253 |
| Insert Size: | 1323 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: | <ol style="list-style-type: none">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_053253.3 , NP_444483.2 |
| RefSeq Size: | 1783 bp |
| RefSeq ORF: | 1323 bp |
| Locus ID: | 114602 |
| UniProt ID: | Q99ML0 |
| Cytogenetics: | 9 F1 |
| Gene Summary: | Plays a role in axonemal structure organization and motility (PubMed:29601588). Involved in axonemal pre-assembly of inner and outer dynein arms (IDA and ODA, respectively) for proper axoneme building for cilia motility (PubMed:29601588). May act by indirectly regulating transcription of dynein proteins (By similarity).[UniProtKB/Swiss-Prot Function] |