

Product datasheet for RN212020

Zmynd19 (NM_198770) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zmynd19 (NM_198770) Rat Untagged Clone
Tag: Tag Free
Symbol: Zmynd19
Synonyms: mizip
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212020 representing NM_198770
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACCGACTTTAAATTGGGCATCGTGCGGCTCGGCCGGGTGGCCGGGAAGACCAATACACGCTGATAG
 ATGAGCAGGACATACCACTGGTGGAGAGCTACTCCTTTGAGGCTCGGATGGAAGTAGACGCTGATGGAAA
 CGGTGCTAAGATATTTGCATATGCCTTTGACAAAACCGGGGAAGGGGCTCGGGCAGGCTTCTGCATGAG
 CTGCTATGGGAACGACACAGGGGAGGTGTGGCTCCCGGTTTCAGGTGGTACATCTCAATGCTGTGACTG
 TGGACAATCGCCTGGACAACCTGCAGCTTGTACCATGGGGCTGGCGACCCAAAGCTGAAGAGACCTCCAG
 CAAACAAAGGGAGCAAAGCTTATACTGGCTTGCAATCCAGCAGCTTCCCACAGACCTATAGAAGAACA
 TTCCCTGTCTTGAATGTGACCCGGTATTATAATGCCAATGGGGATGTGGTGAAGAGGAAGAAAATTCCT
 GTACCTACTATGAGTGTCACTATCCTCCTTGTACGGTGATTGAAAAGCAGCTTCGAGAGTTCAACATTTG
 TGGCGTTGCCAGGTGGCTCGATACTGTGGCTCTCAGTGCCAGCAGAAGGACTGGCCTGCCACAAGAAG
 CACTGTAGGGAGAGGAAGCGTCCCTTCCAGCATGAGCTTGAGCCAGAGCGA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_198770
Insert Size: 684 bp



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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:	<u>NM_198770.2</u> , <u>NP_942065.1</u>
RefSeq Size:	1248 bp
RefSeq ORF:	684 bp
Locus ID:	311791
UniProt ID:	<u>Q7TSV3</u>
Cytogenetics:	3p13
Gene Summary:	codes for a protein which shares 100% amino acid identity with the human and mouse proteins which bind to the G protein-coupled receptor MCH-R1 and may be involved as a regulatory molecule in MCH-R1 signaling [RGD, Feb 2006]