

Product datasheet for **RR212020**

Zmynd19 (NM_198770) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zmynd19 (NM_198770) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zmynd19
Synonyms:	mizip
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR212020 representing NM_198770 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACCGACTTTAAATTGGGCATCGTGC GGCTCGGCCGGTGGCCGGAAGACCAATACACGCTGATAG
ATGAGCAGGACATACCACTGGTGGAGAGCTACTCCTTTGAGGCTCGGATGGAAGTAGACGCTGATGGAAA
CGGTGCTAAGATATTTGCATATGCCTTTGACAAAAACCGGGAAGGGGCTCGGGCAGGCTTCTGCATGAG
CTGCTATGGGAACGACACAGGGGAGGTGTGGCTCCCGGTTTCAGGTGGTACATCTCAATGCTGTGACTG
TGGACAATCGCCTGGACAACCTGCAGCTTGTACCATGGGGCTGGCGACCCAAAGCTGAAGAGACCTCCAG
CAAACAAAGGGAGCAAAGCTTATACTGGCTTGCAATCCAGCAGCTTCCCACAGACCTATAGAAGAACA
TTCCCTGTCTTGAATGTGACCCGGTATTATAATGCCAATGGGGATGTGGTGAAGAGGAAGAAAATTCCT
GTACCTACTATGAGTGTCACTATCCTCCTTGTACGGTGATTGAAAAGCAGCTTCGAGAGTTCAACATTTG
TGGCGTTGCCAGGTGGCTCGATACTGTGGCTCTCAGTGCCAGCAGAAGGACTGGCCTGCCACAAGAAG
CACTGTAGGGAGAGGAAGCGTCCCTTCCAGCATGAGCTTGAGCCAGAGCGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_198770.2 , NP_942065.1
RefSeq Size:	1248 bp
RefSeq ORF:	684 bp
Locus ID:	311791
UniProt ID:	Q7TSV3
Cytogenetics:	3p13
MW:	26.4 kDa
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]