

Product datasheet for RN209990

Mpdz (NM_019196) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mpdz (NM_019196) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mpdz
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209990 representing NM_019196 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTGGAACCATAGACAAAAACGGGCCCTGCAGGCAGCAGAGCGCTTGCAAAGCAAGCTGAAGGAAC
GCGGGGATGTTGCAAATGAAGACAAATTGAGCCTCCTGAAGTCTGTCTGCAGAGTCCACTCTTCAGTCA
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TGCTGTCTCCAAGTAATGGGAACCTCGAAGCAATTTCTGGACCTGGTGTCCACCTGCCATGGGAAA
GCCGTGCTGTGAAGAACTTGATCAGCTCATCAAAGTATGGCCAGGGTGCATGTGAAAATATTTGAG
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GAAGAGTCTTTGTCAGTGAAGAGAAGTACCAGCATACTGCCGATTGAAGAGGAAGGATATCCACTGTTGT
CAACTGAGCTGGAAGAACTGAAGATGTGCAGCAAGAAGCTGCCTTGTGACAAAGTGGCAGAGGATTAT



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GGGAATTAACATGAAATAGTGGTGGCTCATGTGAGCAAGTTTAGTGAGAACAGTGGGCTGGGAATAAGT
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 AGCAGCGGCAGAAGATGGGCGCTAAAGAGGGGTGATCAGATCATTGCTGTCAACGGGCAAAGTCTAGAA
 GGCGTGACCCATGAAGAAGCTGTGCCATCCTTAAGCGGACAAAGGGCACTGTACCCCTCATGGTTCTCT
 CTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_019196
- Insert Size:** 6165 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_019196.1](#), [NP_062069.1](#)
- RefSeq Size:** 7516 bp
- RefSeq ORF:** 6165 bp
- Locus ID:** 29365
- UniProt ID:** [O55164](#)
- Cytogenetics:** 5q31
- Gene Summary:** may play a role in G-protein coupled, 5-HT2C receptor-activated phosphoinositide-linked second messenger signaling [RGD, Feb 2006]