

Product datasheet for RC235357

Mupp1 (MPDZ) (NM_001261407) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mupp1 (MPDZ) (NM_001261407) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: MPDZ
Synonyms: HYC2; MUPP1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC235357 representing NM_001261407
Red=Cloning site Blue=ORF Green=Tags(s)

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GCCGCGATCGCC

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Protein Sequence:

>RC235357 representing NM_001261407
 Red=Cloning site Green=Tags(s)

MLEAIDKNRALHAAERLQTKLRERGDVANEDKLSLLKSVLQSPLFSQILSLQTSVQQLKDQVNIATSATS
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 LKPPSSGGLGFSVGLRSENRGELGIFVQEIQEGSVVHRDGRKLETQDILAINQALDQITHTQQATISILQ
 KAKDVTQVVIARGSLPQLVSPIVSRSPSAASTISAHSNPVHWQHMETIELVNDGSGLGFGIIGGKATGVI
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 RIQIGDQIIAVDGTNLQGFNTQQAVEVLRHTGQTVLLTLMRRGMKQEAELMSREDVTKDADLSPVNASII
 KENYEKDEDFLSSSTRNTNLPTEEEGYPLL SAEIEEIEDAQKQEAALLTKWQRIMGINYEIVVAHVSKFS
 ENSGLGISLEATVGHFIRSVLPEGPVGHSGKLFSGDELLEVNGITLLGENHQDVVNILKELPIEVTMVC
 CRRTVPPTTQSELDLDCDIELTEKPHVDLGEF IGSETEPVLAMTDAGQSTEEVQAPLAMWEAGIQH
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 LCSVPPPPSAFAEMGSDHTQSSASKISQDVKDEDFGYSWKNIRERYGTLTGELHMI ELEKHSGLGLS
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 SPLGDVPIFIAMMHPGVAQAQTKLRVGDRIVTICGTSTEGMHTQAVNLLKNASGSIEMQVAVAGGDVSV
 VTGHQEPASSLSFTGLTSSSIFQDDLGPQCKSITLERGPDGLGFSIVGGYGSPhGDLPIYVKTVFAK
 GAASEDGRLLKRGDQIIAVNGQSLEGVTHEEAVALKRTKGTVTLMVLS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

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_001261407.2</u>
RefSeq Size:	7526 bp
RefSeq ORF:	6027 bp
Locus ID:	8777
UniProt ID:	<u>O75970</u>
Cytogenetics:	9p23
Protein Pathways:	Tight junction
MW:	215.3 kDa
Gene Summary:	The protein encoded by this gene has multiple PDZ domains, which are hallmarks of protein-protein interactions. The encoded protein is known to interact with the HTR2C receptor and may cause it to clump at the cell surface. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2015]