

Product datasheet for **MG217233**

Pdzk1ip1 (NM_001164557) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pdzk1ip1 (NM_001164557) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Pdzk1ip1
Synonyms: 0610007F13Rik; 2700030M23Rik; AU046042; Map17
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG217233 representing NM_001164557
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGAGGAGGGCAGTTTCTCTTCACCAGTCTGCCAGTCTTCTCCCGCCCTCTTCCACTTCTGCCT
 TACCCAATCCAACCTCTCCTTTAGAGTCAGACTGCTCTCCAGTGATCTCATAACAACACCCAGACCTC
 CAGCAGCTCCAGGAGTCAAAAACACCAGCAGTGGACCGAGGTCTACAGCTGCCTGCAGCCATGTTGGCC
 TTCAGTCTGCTCGTGGTCTGCTCGCGGAAGTGGCACCTGCCAGCTGTCAACAAGGTCTAGGAAACC
 TTCAGCCCTGGATGCAAGGCCTATTGCTGTGCTGTGTTCTTGGTCCTGTTGCAATCGTCTTCGCCGT
 CAACCACTTCTGGTGCCAGGAGGAGCCGGAGCCTGGGAGCACAGTGATGATCATTGGAAACAAGGCAGAT
 GGGTCTCTGGTGGGAATGGATGGCAGATACTCCTCAATGGCATCTGGTTTTAGGTCCAGCGAGCACACAAGA
 ATGCTACGAGAATGTTCTGGAGGAAGAGGGCAGGGTCCCGAGCACACCCATG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG217233 representing NM_001164557
 Red=Cloning site Green=Tags(s)

MGGGQFLFTSLPVLPPRPLSTSALPNPTSPLESDCSPADLIQTPQTSSSSRSQKHQQWTEVLQLPAAMLA
 FSLLVLLGLLAEVAPASCQQGLGNLQPWMQGLIYAVVFLVVAIVFAVNHFWCQEEPEPGSTVMIIGNKAD
 GVLVGM DGRYSSMASGFRSSEHKAYENVLEEEGRVSTPM

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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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_001164557.1, NP_001158029.1</u>
RefSeq Size:	1129 bp
RefSeq ORF:	546 bp
Locus ID:	67182
UniProt ID:	<u>Q9CQH0</u>
Cytogenetics:	4 D1