

Product datasheet for MR215661

Pdzk1ip1 (NM_026018) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pdzk1ip1 (NM_026018) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Pdzk1ip1
Synonyms: 0610007F13Rik; 2700030M23Rik; AU046042; Map17
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR215661 representing NM_026018
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTGGCCTTCAGTCTGCTCGTGGTCTGCTCGCGGAAGTGGCACCTGCCAGCTGTCAACAAGGTC
 TAGGAAACCTTCAGCCCTGGATGCAAGGCCTCATTGCTGTCGCTGTGTTCTTGGTCCTTGTGCAATCGT
 CTTGCGCGTCAACCACTTCTGGTGCCAGGAGGAGCCGGAGCCTGGGAGCACAGTGATGATCATTGGAAAC
 AAGGCAGATGGGGTCTGGTGGGAATGGATGCCAGATACTCCTCAATGGCATCTGGTTTTAGGTCCAGCG
 AGCACAAGAATGCCTACGAGAATGTTCTGGAGGAAGAGGGCAGGGTCCGCAGCACACCCATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR215661 representing NM_026018
 Red=Cloning site Green=Tags(s)
 MLAFSLLVLGLLAEVAPASCQQGLGNLQPWMQGLIAVAVFLVLAIVFAVNHFWCQEPEPGSTVMIIGN
 KADGVLVGMDGRYSSMASGFRSSEHKNAYENVLEEEGRVSTPM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9028_c03.zip

Restriction Sites: SgfI-MluI



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Cloning Scheme:



ACCN: NM_026018

ORF Size: 342 bp

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:**
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_026018.3](#), [NP_080294.1](#)

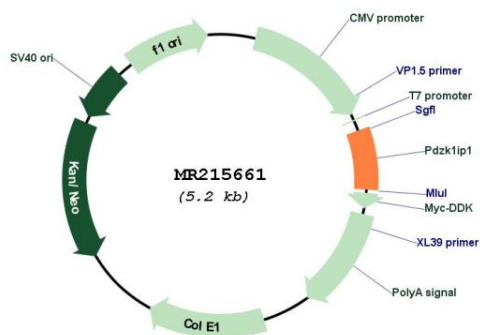
RefSeq Size: 897 bp

RefSeq ORF: 345 bp

Locus ID: 67182

UniProt ID: Q9CQH0
 Cytogenetics: 4 D1
 MW: 12.7 kDa

Product images:



Circular map for MR215661