

Product datasheet for **MC221506**

Dzip1l (NM_028258) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Dzip1l (NM_028258) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Dzip1l |
| Synonyms: | 2610524A10Rik; AI663976 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >MC221506 representing NM_028258
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGTACCCAGCAGCCACTGCGGAAGGCCTTAGTGCCCGCTGTCCGGGCGCTACACGCTTCCCGCT
 TCAAGTTCAGCCTCGCGTGAAAGCATAGACTGGAGACGAATCAGTGCCGTGGACGTGGACCGTGTGGC
 CCGGGAGCTGGACGTGGCCACACTGCAGGAGAATTGCTGGCGTCACCTTCTGTAACTGGACGGGAG
 GTGTGCAACCACTGTAGGCAGCCGGTGGACCCGGTGTCTCAAGGTAAGTGCACAGCTGCAAGGTAAG
 TTGAGTACCTGTGCATTGCCAGGACTGCCTGAGTGCCAGCGTGGCACAGCTGGAAGCACGGCTGCAGGC
 CAGCCTGGCCAGCAGCAGCGTGGCCAGCAGGAGCTGGTCCGACGGCCGATGAGCTCAAGGGCGTTCGG
 GAGGAGAGCCGGCTAGGCGAAAGATGATCAGCACCTGCAGCAGCTGCTTCTGCAGACGAGTGGCCATA
 GCTACCACACGTGCCACTTGTGTGACAAGACCTTCATGAATGCCACCTTCTCCGGGGCCACATCCAACG
 CAGACATGCAGGCATGGCAGATGTCGAAAGCAGAAGCAGGAACAGCCACTGGGGGAGGTGCTGGAGGAG
 CTTCCGGGCAAGCTCAAGTGGACCAAGGGGAGCTGGAAGCCAGAGGGAGGCTGAGCGGCAGCGGACGG
 TCCAGGAATTAGAGATGGCTCGTCAGCGGAAATGGAAGCTAAAAAAGTTTCGATGAATGGAAAGAAAA
 AGAACGCAGCAAGCTTTATGGAGAGATAGACAAGCTGAAACAGCTGTTTTGGGATGAATCAAACTGTT
 GCCAACCAAGAACTCCACGTTAGAAGAGAAAAGTGAAGGCACTGCAGTCTACAGCATGACGGAGTCTCACC
 TTGGGTCTCTGCGGGATGAAGAGTCAGAGGAGAGACTCAAGCATGCCAGGAGTCCAGGCCCTTCAAGA
 AAAGATGGAAGTCCAGAAAACAGAGTGGAAAGAGAAAAAAGAGCCCTGCATGAAGAGCGGGCAGCTGAG
 AGGAGACAGCTGCAGGAGGAGAATGAGAGGCTCCACGTGTCCCTGTCTCAGGACCAGAAGAAAGCAGCTG
 CCCAGTCTCAGCGCCATATCAATGCCCTCCGTGCCAGCTTCAAGAACAAGCCAGGCTTATCGAGTCCCA
 GGAGGAGACGATCCAGACTTTGTCCCTCAGGAAGGTGGAGGAAGTCCAAGAGATGCCAAAAGGCTGTGGCC
 ACAGAGGAGGACTCTTCTGAAGAAGAGCTCGAGGCTCCCTTGAGGAGCGGCAGGAGCAACGGAAGTGT
 TAGCAGCTCTCAGGAAAAACCCACTTGGCTGAAGCAGTTCGGGCCATCCTGGAGGACACCCTGGAAAG
 GAAGCTGGAGGGCTGGGATCAAGAGGACACAAAGGGAATTTCTGCTCAGACTGTCCGACGTCTGGAG
 CCCCTGCTGAGAACCAGGGAGCAGATAGCCCGAAGCTTCCGAGAGTTTCCAGTCTGAGGGAAAAGC
 TCAACAAGGAAGTGAGCAGCAGGTTGAAGCAAAGATGGGAGAGTACGACCCAGCCAGATGGCCAGCCTCC
 AGTCAAAAGCCAGCGGTCACTGGCCACAAGGAGGTCGGCCAAAGACCAGGACCTTACTGTGGCC
 CTGCCATCCAACCAGCAGAACCTTCAAGCCTTCTCAGGGCCACAGCAGCCATGGCCCCGGCCTCA
 CCCAGGTGTCCACCCCAATTCACGCCAGAGTGCATGGACCCTCCAGTACCCCTGTTTCCCCTGGGTC
 CGGGCTGAGCAGCACCCGCCTTTTAGTTCTGAAGAAGAGCCAGAGGGAGATGTCGTGCAACGTGTGTCC
 CTTTCAGCCTCCTAAAGTTCTCCCTAGGTGAGCGCCAAAGCCTGAGGACAAGTGGGCTGGTCTGATTCCG
 AGACCTCAGAGGAGAGTCCCAACCTCCTGGGAAGGGCTCAGGCGGGCTGGCTTCTCAGGAACACTGGT
 GCAGTCAATTGTCAAAAACCTTGAGAAGCAGCTTGAAACGCCAGCCAAGAAGCCTTCCGGAGGGTCAAT
 ATGTTCTTAAGGCCAACGCTGCCCTCCAGAGGGCTTCCACACCAGCAAGGAAGTCTCAGCTTTCAGAAG
 ATGAGAGTGACGTGGAGATCTCGTCTTTGGAAGATCTCTCCAAGACCTGGGCCAGAAAGGAAAGCCAAA
 GCCTTTGTCCCCTCAAAGCTCCAGAAAAGTTGATGTACGCCCTTGGAGCTCGGGTCCAGACCCAGG
 ATTCCTGGCTGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_028258
Insert Size: 2325 bp

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| 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: | <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_028258.4 , NP_082534.2 |
| RefSeq Size: | 4811 bp |
| RefSeq ORF: | 2325 bp |
| Locus ID: | 72507 |
| UniProt ID: | Q499E4 |
| Cytogenetics: | 9 E3.3 |
| Gene Summary: | <p>Involved in primary cilium formation (PubMed:28530676). Probably acts as a transition zone protein required for localization of PKD1/PC1 and PKD2/PC2 to the ciliary membrane (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p> |