

Product datasheet for **RN217320**

Pidd1 (NM_001106318) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pidd1 (NM_001106318) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pidd1
Synonyms:	Lrdd; Pidd
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF:

>RN217320 representing NM_001106318

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCAGTGTGGAGGGGCCAAGCCAGAGAACTGCAGCTGCTGCAGAGGATGCTGCAAGACCCA
 CAGTGGAGGCTGTGGCTTCCAGGCCGGAGTACCTATTCTCCTGGCTGGGAACCAGTTGAATCTGGACCT
 ACGCCCTGGGGGCTGCCGTCGGCTGCAGTACCTGTGTTCCAGCAGCACACAGCTGCTGCAAGTGGAG
 TTTTGGCGCTCAGCACCCACGAGGACCCTCGACTGCTAGATGACACCCTAGCCAAGTTCCGTGGAGTC
 TACTGCGCCTTCGCTCCCTGGTCTCAAAGGTGGCCAGAGTCGGGGTGCCTGGGTGCTTGCCTCCATGG
 TACCCTAACCACTCTGCCTGCTAGCATGAGAGACTTAGCCTGCCTGGCCACCTAGACCTGAGCTTCAAC
 AGGCTGGAGACTGCCGACCTGTGCTGGAAGTGCACAGCTTGGATGCCTTGTGCTTCTCACAACT
 GTCTCTCAGAGCTGCCAGAGGCCCTGGGGCAGTCCCTACCCTCACCTTCTCAGTGTGACACACAACCT
 CCTGAAAAGACTACCCCAACACTGGGGTCCCTGTCCACCCTCAGCGTCTTGATCTCTCCGAGAACCTT
 CTAGACACCATCCCGTCTGAGATTGGAGACCTGAGCAGCCTCAGGGAGCTCAATCTGGCCTCCAACCGGC
 TGCAGCATCTCCAGCTTCCCTTGCGGGGCTGCGGTCCCTGCGGCTCCTGTTCTGCACAGCAACCTCTT
 GACCTCGGTGCCCTGGCTTGGCCACCTGCCACTGATCACTCGGTTGACCTGAGGGACAACCAGCTC
 AGAGACCTACCTGCCGAGCTACTAGACGCTCCCTTGTGCGCCTGCAGGGGAACCTCTGGGCGAGGCCCT
 CTCCTGCACCCCCAAGTCCCCAGACATTTCCAGGTTCCAGAAATGCCAGGCTATTCTGACCTCAGA
 CTTGGACAGCTTCTTGTGACTCCCATGGCTGTTCTGTGACCCTGGCCTGTGGTGTCCGCTACAGTTC
 CCAGAGGAGCCACCACACACTATCACCATCCACTATCGACTGTGGTGCCTGAGCCAGGCCATAGCTC
 CTCTGGACCTCATGACTTCTGCTTAGTGGTCTCTGGAGCTGCAGCCTCATGGGGTGGCTTCCAGCA
 GAATGTGAGCTTATGGCTGCTCTTTGTCCCCCAGAGTCCGAGTCCGCTGTTGCCGTGAGGTAGTTGTG
 AGAACACGGAGTGACAACATCTGGAATGACCTAGAGACCCACCTGGAGGAAGAGGCCCAAGAGCGT
 GGGCTCGTGCAGGTGCCCACTTCTCCTGGTTCCTGCTCGTTTACGCCAGTATCCAACACCTGCCCT
 ATTACCACAGAGGGAGCACTTCTGTGCTCCTCAGGTCATCCTGGGGTCAAAGTCACTTTCCCCCTGGG
 GTCACAGAAGAGCCCCGCAAGTCTCCATGCAGGTAGTGCATATGGCTGGACTAGAGCTGAGAGCCCTTC
 TGGAAAGTGCAGAGCGGCAGTGCAGCCCTTGTGTCCTTCCAGAGCGGACCCCACTTCTCATA
 ACCTGTCACTGTGCAAGTGCCTTGCCTCCCGGTGTTACAGGCTTCAGTCTGGACCGCTCCCACTTACAT
 CTGCTTACCGAACCCCTGACAAGCACCTGGGATGACATCAGCACTCAGGTGGCACTGGAATTCACCC
 ACCTGTACGCACGCTTCCAGGTACACACTTCTCCTGGTACTGGTCTGGTATACCACAAAACCTGCGT
 GGGGGGCTGGCCCGAAGGCCTGGGAACGGCTGCGGCTGCACCGTGTAAACCTCATTGCACTGCAGAGG
 CGCCGAGACCCGGAGCAGGTCTGCTGCAGTGCCTGCCCGGAGCAAGGTAGATGCCACCCTGAGCCGGC
 TGCTGGATCGGTACCGTGGCCCGAACCCTCTGAGACTGTGGAGATGTTGAGGGTGAGAAGTCTTTGTC
 AGCCTTTGAGCGGGGCATCGATGTAGATGCTGACCGTCCAGACTGTGTGGATGGCAGAATCTGTTTTGTC
 TTCTATTACACCTGAAGAATAGAAGGAGGTATACATTACCACAGCCTTGACCGTGAAGCTCAGGATG
 TTCGAGGACAGGTGTCTTTATCGGGTTCACCTCCATGGAGGTGCCTGAAGAGGCAGAGGCTGCCCG
 GCGGAGGAAGGCACAGATGCATTGTGGATGGCCACCTTGCCATCAAGCTACCGAGACTCCGGGGGCGC
 CAGGGGAGTGGCAGGGAAGTACTTCTCCTTGTGCTCTGAACCTGGGTGATGCAGAAACTGGATTCC
 TGAAGTGCAGAGCAACCTGCTGAGTGTGGCCTCACGCTTGGTCTGACTGGCCGACTGTGGCCTGCACCT
 AGGCATGCCCTACCGTAAGCTTTCAGCGTATCCGACATGAATTCAGGGATGACCTGGATGGCAGATCCGC
 CACATGCTCTTCTTGGGCTGAGAGCCAGACTGGACAGCCTGGAGCTGTGGACACCTGGTGCAGGCCCT
 TGGAGCAGAGTGACCGGCAGGATGTGGCTGAAGAGGTGCGTGCCATCTTGGAACTTGCCGTCACAAGTA
 CCAGGACAGCATTGGCGCACAGGGCTGGCCCTGAGGATTCCACTCTGCCTAGCACCTCAGCTTACAG
 AACCCAGAGTCTGCACAGGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_001106318
Insert Size:	2754 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001106318.2, NP_001099788.2</u>
RefSeq Size:	3321 bp
RefSeq ORF:	2754 bp
Locus ID:	293625
Cytogenetics:	1q41