

Product datasheet for **MC219423**

Pdilt (NM_027943) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pdilt (NM_027943) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pdilt
Synonyms:	1700007B13Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219423 representing NM_027943
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGTCTTTGGACACCTTTGCTGCTGGTGGCTGCTTGCCTCTCAGAGGTCCTTGGCTCACCAGAGA
 TAGACACGGGCATCAACATTTCCAGCCTTTGCACATCCTGGAGGATCATAACTTAATGGTCTGACTCC
 CGCAGGCTTGACGCAGACGCTGAATGAAACCCGCTTCTAATGGTGATTTTCCACAAACCCATCCTTAAAA
 CAGTCCAGGAAGCTGGCCAAGGAGCTGGGCAAAGCCGAGAGATCTTCGGGAAGGCAAGAATGGCTTGG
 GCTTTGGCAAAGTGGACATCACCAAGGAGACGGAACCTCAGCAGGAGTTTGACATCACCCATGCCCGGA
 ATTGAAGTGTCTTTGAGGGCAACAGGTTAAAGCCCATCAGCTGCAAAGATGTGGTTGAATCAACAGCT
 TTGGTTGTTTGGTTGAGAAGACAAATTAGCAAGAAAGCACTTTTGTTCACAACAGCGATGAAGTGCCG
 ATTTTGTGAAATCCAGGCCCTTGGTCATCGTTGGCTTCTCCAGGATTTAGAGGAAGAAGTGGCAGAATT
 ATTCTATGACACCATCAAGGACTTCCAGAACTAACGTTTGGAGCGATACAAATAAAAAATCTTTCCGGG
 CGATTCCATGTGATCCTTGACAGTGTCCGGTGTAAAAAGGGAAAAATCGTGAAACGTCAGAGCTTA
 TTAATGACAGTACAAACAAGACCATCTCAATCAAGTCATAAAGCAACAGCTCACAGGCTTTGTGATTGA
 GTTAAACCTGAGAAATAAGGACCTGATTTATGAGCTGAACATCTTGAACCATGCTGCTCTTTATCTCC
 AAAAGCTCAGAGCCGTACAGCACCATAAGCCGGCATTACAGACAAATTGCAAAGGAATCCAGAACAAGA
 TTCTTTTCGTCCTGGTGAATGCGGATGAACCTAAAAACAACGCATCTTTGAGTACTTCCAGATCTCAAG
 AGTCAATGTCCCCTCTGTTCAAATCCTGAACTTAAGCTCTGACGGCAGGTACAAAATGCCACCGACGAC
 ATAAACTTTGAAAGCCTCAAAAAGTTCTGCAACAGCTTCTCAGCAAACTGCCAAGAAACACAAAGCCA
 GTGAAGAGATCCAAAATATTGGGACCAAGGGCCAGTGAAGAAGCTCGTGGGGAAGAACTTCAATGTGGT
 CGTCCTTGATAAGGAAAAGGACGTGTTTGTGATGTTCTATGCTCCCTGGTCTGAGAAATGCAGGGTGCTG
 TTACCACTGCTGGAAGAGTTGGGCATAAAGTATCAAAACCACTCCACAGTCATCATTGCTAAGATTGACA
 TAACGGCAAAATGACATTCAGCTGGCAAACCCAGAACAGTACCCATTCTTCAGGCTTTTCCCTACTGACTC
 ACAAGAGGCTGTCATGTATAAAGGAGAACACACCATGAAGGGCTTTTGTGACTTCTGGAAGCCATGTC
 AAGGTTAGGATTGAGGAAGAAGATGAGCTATTGTACATTGAGCAAAATGAAGAGGAGGAGGTGTTAGCTG
 AGCCAGAGATTCAGCTCATAGAGAAGTTGCCTGAGAATCCACTGCTCAAAATAGAGGACACAAGCAAACA
 AGACAGGCCAGTAAAGAGTCTCCTGTGCTGGACAGTATAAGAAAGCCAGAAGAGCCGGAGAGAAGGAAG
 GAAACAGCTGAGAGGGAGGCGGCGCAGCTCAGCCGAAGGAACAGCCAAAACAGAGAGAAAACCTGGAAG
 TCAAAGAAGAACTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_027943
- Insert Size:** 1767 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).
- 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_027943.1](#), [NP_082219.1](#)

RefSeq Size: 2139 bp

RefSeq ORF: 1767 bp

Locus ID: 71830

UniProt ID: [Q9DAN1](#)

Cytogenetics: 7 F2

Gene Summary: Probable redox-inactive chaperone involved in spermatogenesis.[UniProtKB/Swiss-Prot Function]