

## Product datasheet for **RN205483**

### **Pdilt (NM\_001013902) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pdilt (NM_001013902) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pdilt
Synonyms:	RGD1307822
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN205483 representing NM\_001013902  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAACTGCTCTGGACACCTTTGCTGCTGCTGGCTGCTTGCCTCTCAGAGGTCCTTGGCTCACCAGAGA  
 TGGACACCGGCATCAACATTTCCAGCCTTTGCACATCCTGGAGGATCATAACTTAATGGTGTGACTCC  
 TGCAGGCTTGACGCAGACACTGAATGAGACCCGCTTCTAATGGTGATTTTCCACAAATCCAACTTAAAA  
 CAGTCCAGGAAGCTGGCCAAGGAGCTGGGCAAAGCTGCGGAGATCTTTGGGAAGGCAAGAATGGCTTGG  
 GCTTTGGCAAAGTGGACATCACCATGGAGACGGAGCTTAAGCAGGAGTTTGACATCACCCATGCCCGGA  
 GTTGAAGCTGTTTTATGAGGGCAACAGGTTAGAACCATCAGCTGCAAAGATGTGGTTGAATCAACAGCT  
 TTGGTTGTTTGGTTGAGAAGACAAATTAGCAAGAAAGCCCTTTTGTTCACAACAGCAACGAAGTGGCCG  
 ATTTTGTGAAATCCAGGCCCTGGTCATCGTTGGCTTCTCCAGGATTTAGAGGAAGAAGTGGCAGAATT  
 GTTTTATGACACCATCAAGGACTTCCAGAATAACGTTTGGAGCAATACAAATAAAAAATTCATTTGGG  
 CGATTCCACGTGATCCTTGACAGCGTCCTTGATTTAAAAAGGGGAGAGTTGTGAAACGTC AAGAGCTTA  
 TTAACGACAGTACAAACAAGACTATCTCAATCAAGTCATAAAGCAACAGCTCACGGTTTTGTGATTGA  
 ATCAACCCTGAGAAATAAGGACCTGATTTATGAGATGAACATCTTAAATCACATGTTGCTCTTTATCTCC  
 AAAAATCAGAGCCATACAGCACCATAATCCGGCATTACAGACAAATTTCAAAGGAATCCAGAACAAGA  
 TTCTTTTCGTCCTTGGAATTCGGATGAACCTAAAAACAACGCATCTTTGAGTACTCCAGATCTCAAG  
 AGTCAATGTCCCCTCTGTTCAAATCCTGAACTTAAGCTCTGATGCCAGGTACAAAATGCCACGGATAAT  
 ATAACCTTTGAAAGCCTCAAGAAATTCTGCAATAGCTTCTCAGCAGAAGTCCAAAGAAACACAAATCCA  
 GTGAAGAGATCCAAAAATTGGGACCAAGAGCCAGTTAAGAAGCTCGTGGGAAAGAACTTCAATGTGGT  
 TGCTTTTGATAAAGGAGAAGGATGTGTTTGTGATGTTCTATGCACCCTGGTCTGAGAAGTGCAGGGTGCTA  
 TTACCCTTCTGGAAGAGCTGGGTATAAAGTATCAAAACCACTCCACAGTCATCATCGCCAAGATTGACA  
 TAACAGCAATGACATTCAGCTGGCGAACCAGAACAGTACCCATTCTTCGGCTTTTCCCTACTGATTC  
 GCAAGAGGCTGTCATGTATAAAGGAGAGCACACCATGAAGGGCTTTTGTGACTTCTGGAAGTCATGTC  
 AAGGTTAGGATTGAGGAAGATGATGAGCTATTGTACATTGAGCAAAATGAAGTGGCAGAGGAGGAAGTGT  
 TAGCTGAGCCAGAGATGCAGCACATAGACAAGTTGCCTGAGAAGCCGCTCTCAAGGTAGAAGACACAAG  
 CAAACAAGACAGGCCAGCCAAAGAGTCTCTGCGCTGGGCAGTATAAGCCAGCCAGAGGAGCTGGAGAGA  
 AGGAAGGAAACGGCTGAGAAGGAGAAGAAAGTGGCTCAGCCAAAGGAACGCCAAAACAGAGAGAAAAC  
 TGGATATCAAAGAAGAACTTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001013902
- Insert Size:** 1773 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\\_001013902.1](#), [NP\\_001013924.1](#)

**RefSeq Size:** 2154 bp

**RefSeq ORF:** 1773 bp

**Locus ID:** 293544

**UniProt ID:** [Q5XI02](#)

**Cytogenetics:** 1q35

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