

Product datasheet for **MC220194**

D1Pas1 (NM_033077) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	D1Pas1 (NM_033077) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	D1Pas1
Synonyms:	PI10
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220194 representing NM_033077
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTCATGTGGCAGAGGAAGATGAGCTCGGGCTGGACCAGCAGTTGGCTGGCCTAGACCTGACGTCTC
 GGGACAGCCAGAGCGGGGCGAGCACAGCCAGCAAAGGGCGCTACATCCCCCTCACCTGCGGAACCGGGA
 GGCCGCGAAGCGTTCTACGACAAAGACGGCTCACGGTGGAGTAAAGACAAGGATGCCTACAGCAGCTTC
 GGGTCCCAGCAGCAGCAGAGCCAAGTCCAGTTTCTTCAGTGACCGCGCGGAAGCGGCTCCAGGGGAA
 GGTTTGACGAGCGGGCGGAGTGACTACGAGAGTGTGGCAGCCGGGAGGTAGAAGTGGCTTTGGCAA
 ATTTGAGCGGGCGGGAACAGTCGCTGGTGTGACAAAGCAGACGAGGATGACTGGTCGAAACCGCTCCCA
 CCAAGCGAACGCTTGGAACAGGAACTCTTTCCGGAGGCAACACTGGGATTAACCTTGAGAAATATGATG
 ACATCCCGTTGAGGCGACAGGGAATAACTGCCCTCCACATATTGAAAGTTTCAGCGATGTCGAGATGGG
 AGAGATTATTATGGGAAACATCGAGCTCACTCGTTACACACGCCCAACTCCTGTGCAAAAAGCATGCTATT
 CCTATTATCAAGGAGAAAAGAGACTTGATGGCTTGTGCCAAACGGGGTCTGGAAAAACAGCAGCTTTTC
 TTCTACCTATCTTGAGTCAGATCTATACGGATGGTCCAGGTGAGGCTTTGAGGGCCATGAAGGAGAATGG
 AAAGTATGGGCGTCGAAACAGTATCCAATCTCCTTGGCTTGGCTCCGACCAGAGAATGGCCGTGCAG
 ATCTATGAGGAGGCCAGGAAATTCATACCGCTCTCGAGTTCGTCCTTGTGGTTTATGGTGGAGCTG
 ATATTGGGCAGCAGATTCGAGACTTGGAACTGGCTGTCACTTGTAGTAGTACTCCAGGACGGCTAGT
 AGATATGATGGAGAGAGGAAAGATTGGACTGGACTTCTGCAAATACTTGGTGTAGATGAAGCAGATCGA
 ATGTTGGACATGGGCTTTGAGCCTCAGATACGAAGAATAGTTGAGCAAGACACCATGCCTCCAAAAGGTG
 TCCGCCACACTATGATGTTTAGTGCTACCTTCCCTAAGGAAATACAGATGCTGGCTCGGGATTTCTTGA
 TGAATATATCTTTCTGGCCGTAGGAAGAGTTGGGTCTACTTCTGAGAACATCACACAGAAAAGTCGTGTGG
 GTGGAAGAAGCAGACAAGCGGTCAATTTCTGCTTACCTCTGAATGCAACGGGCAAGGATTCCTGTATAT
 TGGTGTGTGGAAACAAAAAGGGTGCAGATTCTCTGGAGGACTTCTTATACCAGAAAGGATATGCTTGT
 TACCAGTATCCATGGAGACCGATCTCAGCGAGATAGGGAAGAGGCCCTTCCCAATTCGATCAGGAAAA
 AGCCCAATTCCTGGCTACAGCAGTAGCTGCAAGAGGACTGGATATTTCCAATGTGAAACATGTCATCA
 ATTTGACTTGCCTAGTGACATCGAAGAATATGTCATCGCATTGGCCGTACAGGTCGTGTTGGAAACCT
 TGGCCTTGCCACCTCATTCTTCAACGAGAGGAACATAAATATTACCAAAGATTTATTGGATCTTCTTGT
 GAAGCAAAAACAAGAAGTGCCATCTTGGCTAGAAAACATGGCTTTTGAACACCATTACAAGGTGGCAGTC
 GTGGACGTTCCAAGAGCAGATTTAGTGGAGGATTTGGTGTAGAGACTATCGACAAAAGTAGCGGTGCCAG
 CAGTTCAGCTTTCAGCAGTGGCCGTGTAGCAACAGTCGACGCGTGGAGGCAGCCATGGCAGCAGCAGA
 GGGTTTGGTGGAGGTAGCTATGGAGGCTTTTACAACAGTGATGGATATGGAGGAAATTATAGCTCCAGG
 GGGTTGACTGGTGGGTA**ACTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_033077
- Insert Size:** 1983 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_033077.3](#), [NP_149068.1](#)

RefSeq Size: 3212 bp

RefSeq ORF: 1983 bp

Locus ID: 110957

UniProt ID: [P16381](#)

Cytogenetics: 1 90.09 cM

Gene Summary: Putative ATP-dependent RNA helicase. Possible role in a key step of the spermatogenic process.[UniProtKB/Swiss-Prot Function]