

Product datasheet for **MC206381**

Prnd (BC025140) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prnd (BC025140) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prnd
Synonyms:	Dpl, PrPLP, doppel
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC025140
 GCTTCAGAGGCCACAGTAGCAGAGAACCGAGATTCACCATGAAGAACCGGCTGGGTACATGGTGGGTGGC
 CATCCTCTGCATGCTGCTTGCCAGCCACCTCTCCACGGTCAAGGCAAGGGGCATAAAGCACAGGTTCAAG
 TGGAAACCGGAAGGTCCTGCCAGCAGCGGGCCAGATCACCGAAGCTCGGGTAGCTGAGAACCGCCAG
 GAGCCTTCATCAAGCAAGGCCGGAAGCTGGACATCGACTTTGGAGCAGAGGGCAACAGGTTACTACGGCC
 TAACTATTGGCAGTTCCTGATGGGATCTACTACGAAGGCTGCTCTGAAGCCAACGTGACCAAGGAGATG
 CTGGTGACCAGCTGCGTCAACGCCACCCAGGCGGCCAACCCAGGCTGAGTTCCTCCGGGAGAGCAGGATA
 GCAAGCTCCACCAGCGAGTCTGTGGCGGCTGATCAAAGAGATCTGCTCCGCCAAGCACTGCGATTTCTG
 GCTGAAAAGGGGAGCTGCGCTTCGGGTGCGCTGGACCAACCGCGATGGTCTGCCTGCTGGGTTTCGTT
 TGGTTCATTGTGAAGTAAAAATCAATGAAGCTGGCAGCCACAGAGGACTCCAGGAGTTGCTGAGCGGGAT
 CTGAAAATAACTGCTACTGGGTGTAGTCTTTGTAACGGAGTATCTGCCAGGGGGTTCGGGTATTGTCA
 AAGGATTCATCTGCAACATTCAGAACACGAGTGTGATAGCAGTACTTCGAGTGTGAGTTCACAGTGC
 AATCGGTTCTTCTCAAGGACACCTCTGGCAGGTGCACATGGTAAAGGGACATGAAGCAGGGCGGAACCT
 TTACCACTGGACAGACAGCCAGAGAAACCAGCCTGCTGCAGTACGCCACTGCTGCCAAGACACACCTCC
 TCAGTCTACTGATCCTAAACCAGAGAGCAGGCCAGATCACACAGTTTACCCCTTGACGCCATTTTAAA
 TATCAGACAATAAAGAAGGAATAGTTAGTCTTAGATGGTGATGTTGGTGTTCAGCTCCAAGCTTAAGG
 CTTAGTTACCCGGGTGCACAAAGCTGTAGACAACCAACTTCCTCCAGCGTGAAAATGTGTAGGCTGGAC
 AGAGTCCCGTGCTCCACGATCGCTGAGTCTTTTCAGACATTGGTTGTCACCCACAAGCCTAACTGTG
 ACAGCCAATGAGTGTCCATGTGATTTTGTACTGCAAATTTTCGTTATTTGATTTTTAGCGGAGACGTCCTT
 GCTCTTACTTGTGGATCAGGAGAGGTTTTCTTAGCCCTTCAAGTGTTCACCAACCGTGCGCTGTAGAAC
 AGATTGCGCAAATGACAGCAGAGTAAAAGGGGGCGGGCTTCACTTCGGCATCCCACCAAGTCCACGCC
 CGCCGTTTTACCTCTCCAGACTCGCCACTCCTTATTCATTTGCAACTGCAAATGTAGCAATTTGCAAT
 CCTAATACAGGGCCAGGGCGGTGATACCTTAAAGTTTTATTTGACTTCATTTAGTGTCTTCTGTCCATT
 TTTAATGACTTTTTGTTTTTTGTTTTGTTTTCTCCAGCCCATCTCCTCCCTCTGCCTAGTATGAAACT
 TGTACCCCTTACTGTGTTTAAATATAAAGAAGAGGGTTTTGTTTTGTTACATTACAACCTTAAATA
 CAACGATCACTGTATAATATTTGTTTCTCTGCGGTTTGTATTCTGATTTAGTGAATGCCATTAACCT
 CTCTGGGTGAGTACTAAGTAACTAAGTAACTAAGTAACTAAGTAACTAAGTAACTAAGTAACTAAGTAACT
 CAGATGTGCTGCAAGTGACTTGATAACTCCTTGTGACAGATCTCAGATTGTTCTTATCTTGCAAAACA
 ATAAACACCCATACATATACAGACAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC025140

Insert Size: 540 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: [BC025140](#), [AAH25140](#)
RefSeq Size: 1929 bp
RefSeq ORF: 540 bp
Locus ID: 26434
Cytogenetics: 2 64.07 cM
Gene Summary: Required for normal acrosome reaction and for normal male fertility (PubMed:12110578, PubMed:15161660, PubMed:15007175). Can bind Cu(2+) (By similarity).[UniProtKB/Swiss-Prot Function]