

Product datasheet for **MC219056**

Pde4b (NM_001177980) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pde4b (NM_001177980) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pde4b
Synonyms:	Dpde4; dunce; R74983
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC219056 representing NM_001177980
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGGAGCAAGGGGGACCGTCAGTGGCCGCGGAGCAGCCGAGGTGGAGGAGACTCGGCTATGGCCA
 GCCTGCAGCCACTGCAGCCTAACTACCTGTCTGTGTGTTTGTTCAGAGAAGATCATATCAGAACTAGC
 AATGGAGACGCTGGAGGAAGTACTGCTGCTAGACCAGCTAGAGACCATCCAGACCTACCGCTCTGTC
 AGCGAGATGGCTTCAAACAAGTTCAAAGGATGCTGAACCGGGAGCTGACACACCTCTCAGAGATGAGCA
 GATCAGGGAACAGGTGTCTGAGTACATTTCAAACACGTTCTTAGACAAGCAGAACGATGTGAAATCCC
 ATCTCCCACGCAAGGACAGGGAGAAGAAGAAGCAGCAGCTCATGACCCAGATAAGTGGAGTGAAG
 AAAGTATGCACAGCTCAAGCCTGAACAACACAAGCATCTCACGTTCCGGAGTCAACACGGAAAATGAGG
 ATCATCTAGCCAAGGAGCTGGAAGACCTGAACAAATGGGGCCTAACATCTTCAATGTGGCTGGGACTC
 ACATAATCGGCCCTTACGTGCATCATGTATGCAATATCCAGGAAAGAGACCTTCTGAAGACGTTTAAA
 ATCTCATCTGACACCTTTGTAACCTACATGATGACTTTAGAAGACCATTACCATTCTGATGTGGCATATC
 ACAACAGCCTGCATGCTGCTGACGTGGCCAGTCAACTCACGTTCTCTTTCTACGCCGGCACTGGATGC
 TGTCTTACAGACCTGGAAATCCTGGCTGCCATTTTTCAGCTGCCATCCATGATGTCGATCATCTGGA
 GTCTCCAATCAGTTTCTCATCAATACAAATCTGAACTTGCTTTGATGTATAATGATGAATCTGTCTCG
 AAAACCATCACCTTGCTGTGGGATTCAAATGCTACAAGAGGAACACTGCGACATCTTTCAGAACTTAC
 CAAGAAGCAACGCCAGACACTCAGGAAAATGGTGATTGACATGGTGTGGCAACTGATATGTCCAAACAC
 ATGAGCCTCCTGGCAGACCTTAAACAATGGTAGAAACCAAGAAGGTGACAAGCTCCGGTGTCTCCTCC
 TGGACAACATACTGACCGGATACAGTTCTTCGCAACATGGTACACTGTGCAGACCTGAGCAACCCAC
 CAAGTCTTGGAAATTGTATCGGCAATGGACCGATCGTATCATGGAGGAGTTTTTCCAGCAGGGAGACAAA
 GAACGGGAGAGGGGAATGGAGATTAGCCCAATGTGTGATAAGCACACAGCTTCTGTGAAAAATCCAGG
 TTGGTTTCATTGACTACATTGTCCATCCACTGTGGGAGACCTGGGCAGACCTGGTTCAACCGGATGCTCA
 AGATATTCTGGATACACTAGAAGATAACAGGAAGTGGTACCAGAGTATGATACCCAGAGCCCTTCCCCG
 CCACTGGATGAGAGGAGCAGGGACTGCCAAGGCCTGATGGAGAAGTTTCAGTTTGAAGTACCCCTTGAGG
 AAGAGGATTCTGAGGGACCGGAAAAGGAGGGAGAAGGCCAGCTATTTACAGCAGCACAAAGACGTTTTG
 TGTGATTGATCCAGAGAACAGGGATTCTCTGGAAGAGACTGACATAGACATTGCAACAGAAGACAAGTCT
 CCGATCGACACATA**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001177980
- Insert Size:** 1695 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_001177980.1](#), [NP_001171451.1](#)

RefSeq Size: 4206 bp

RefSeq ORF: 1695 bp

Locus ID: 18578

Cytogenetics: 4 46.99 cM