

Product datasheet for **MC217729**

Pde4b (NM_001177982) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pde4b (NM_001177982) 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



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Fully Sequenced ORF: >MC217729 representing NM_001177982
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGAACCGGGAGCTGACACACCTCTCAGAGATGAGCAGATCAGGGAACCAGGTGCTGAGTACATTT
 CAAACACGTTCTTAGACAAGCAGAACGATGTGGAATCCCATCTCCACGCAGAAGGACAGGGAGAAGAA
 GAAGAAGCAGCAGCTCATGACCCAGATAAGTGGAGTGAAGAACTGATGCACAGCTCAAGCCTGAACAAC
 ACAAGCATCTCACGCTTCGGAGTCAACACGGAAAAATGAGGATCATCTAGCCAAGGAGCTGGAAGACCTGA
 ACAAAATGGGGCCTTAACATCTTCAATGTGGCTGGTACTCACATAATCGGCCCTTACGTGCATCATGTA
 TGCAATATTCCAGGAAAGAGACCTTCTGAAGACGTTTAAAATCTCATCTGACACCTTTGTAACCTACATG
 ATGACTTTAGAAGACCATTACCATTCTGATGTGGCATATCACAACAGCCTGCATGCTGCTGACGTGGCCC
 AGTCAACTCACGTTCTCCTTTCTACGCCGGCAGTGGATGCTGTCTTACAGACCTGGAAATCCTGGCTGC
 CATTTTTGCAGCTGCCATCCATGATGTCGATCATCCTGGAGTCTCCAATCAGTTTCTCATCAATACAAAT
 TCTGAACTTGCTTTGATGTATAATGATGAATCTGTTCTGGAAAACCATCACCTTGCTGTGGGATTCAAAT
 TGCTACAAGAGGAACACTGCGACATCTTTCAGAATCTTACCAAGAAGCAACGCCAGACACTCAGGAAAAAT
 GGTGATTGACATGGTGTGGCAACTGATATGTCCAAACACATGAGCCTCCTGGCAGACCTTAAAACAATG
 GTAGAAACCAAGAAGGTGACAAGCTCCGGTGTCTCCTCCTGGACAACATACTGACCGGATACAGGTTC
 TTCGCAACATGGTACACTGTGCAGACCTGAGCAACCCACCAAGTCTTGGAAATGTATCGGCAATGGAC
 CGATCGTATCATGGAGGAGTTTTTCCAGCAGGGAGACAAAGAACGGGAGAGGGGAATGGAGATTAGCCCA
 ATGTGTGATAAGCACACAGCTTCTGTGAAAAATCCCAGTGTGGTTTCATTGACTACATTGTCCATCCAC
 TGTGGGAGACCTGGGCAGACCTGGTTCAACCGGATGCTCAAGATATTCTGGATACTAGAAGATAACAG
 GAACTGGTACCAGAGTATGATACCCAGAGCCCTTCCCCGCACTGGATGAGAGGAGCAGGGACTGCCAA
 GGCTGATGGAGAAGTTTCAGTTTGAAGTACCCTTGAGGAAGAGGATTCTGAGGGACCGAAAAAGGAGG
 GAGAAGGCCACAGCTATTTACGACAGCACAAAGACGCTTTGTGTGATTGATCCAGAGAACAGGGATTCTCT
 GGAAGAGACTGACATAGACATTGCAACAGAAGACAAGTCTCCGATCGACACATA**AA**

ACCGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001177982

Insert Size: 1455 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_001177982.1, NP_001171453.1
RefSeq Size: 3482 bp
RefSeq ORF: 1455 bp
Locus ID: 18578
Cytogenetics: 4 46.99 cM