

Product datasheet for **MC216970**

Pde4b (NM_001177981) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pde4b (NM_001177981) 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: >MC216970 representing NM_001177981
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCTGAGGCAAACATTTATTATCTGTTTCTGGGGTTATATCAAGTTCAAAAGGATGCTGAACCGGG
AGCTGACACACCTCTCAGAGATGAGCAGATCAGGGAACAGGTGTCTGAGTACATTTCAAACACGTTCTT
AGACAAGCAGAACGATGTGGAAATCCCATCTCCCACGCAGAAGGACAGGGAGAAGAAGAAGCAGCAG
CTCATGACCCAGATAAGTGGAGTGAAGAACTGATGCACAGCTCAAGCCTGAACAACACAAGCATCTCAC
GCTTCGGAGTCAACACGGAAAAATGAGGATCATCTAGCCAAGGAGCTGGAAGACCTGAACAATGGGGCCT
TAACATCTTCAATGTGGCTGGTACTCACATAATCGGCCCTTACGTGCATCATGTATGCAATATCCAG
GAAAGAGACCTTCTGAAGACGTTAAAAATCTCATCTGACACCTTTGTAACCTACATGACTTTAGAAG
ACCATTACCATTCTGATGTGGCATATCACAACAGCCTGCATGCTGCTGACGTGGCCAGTCAACTCACGT
TCTCCTTCTACGCCGGCACTGGATGCTGTCTTACAGACCTGGAAATCCTGGCTGCCATTTTTGCAGCT
GCCATCCATGATGTCGATCATCCTGGAGTCTCCAATCAGTTTCTCATCAATAAAAATCTGAACTTGCTT
TGATGTATAATGATGAATCTGTTCTGGAAAACCATCACCTTGCTGTGGGATTCAAATTGCTACAAGAGGA
ACACTGCGACATCTTTCAGAATCTTACCAAGAAGCAACGCCAGACACTCAGGAAAATGGTGATTGACATG
GTGTTGGCAACTGATATGTCCAAACACATGAGCCTCCTGGCAGACCTTAAAACAATGGTAGAAACCAAGA
AGGTGACAAGCTCCGGTGTCTCCTCCTGGACAATACTGACCGGATACAGGTTCTTCGCAACATGGT
ACACTGTGCAGACCTGAGCAACCCACCAAGTCTTGGAAATGTATCGGCAATGGACCGATCGTATCATG
GAGGAGTTTTTCCAGCAGGGAGACAAAGAACGGGAGAGGGGAATGGAGATTAGCCCAATGTGTGATAAGC
ACACAGCTTCTGTGAAAAATCCCAGTTGGTTTCATTGACTACATTGTCCATCCACTGTGGGAGACCTG
GGCAGACCTGGTTCAACCGGATGCTCAAGATATTCTGGATACACTAGAAGATAACAGGAACTGGTACCAG
AGTATGATACCCAGAGCCCTTCCCGCCACTGGATGAGAGGAGCAGGGACTGCCAAGGCCTGATGGAGA
AGTTTCAGTTTGAAGTACCCTTGGAGGAAGAGGATTCTGAGGGACCGAAAAGGAGGGAGAAGGCCACAG
CTATTTACAGCAGCACAAGACGCTTTGTGTGATTGATCCAGAGAACAGGGATTCTCTGGAAGAGACTGAC
ATAGACATTGCAACAGAAGACAAGTCTCCGATCGACACA TAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001177981

Insert Size: 1512 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_001177981.1](#), [NP_001171452.1](#)

RefSeq Size: 3746 bp

RefSeq ORF: 1512 bp

Locus ID: 18578

Cytogenetics: 4 46.99 cM