

Product datasheet for **MC222188**

Pde6a (NM_146086) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pde6a (NM_146086) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pde6a
Synonyms:	nmf282; Pdea
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC222188 representing NM_146086
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGTGAGGTGACAGCAGAGGAGGTAGAAAAGTTCCTGGATTCAAATATTGGCTTTGCCAAACAGTACT
 ATAACTTTCACCTACCGGGGAAGGTCATCTCAGACCTCCTCGGGGCAAGGAGGCAGCCGTGGACTTCAG
 CAACTACCACGATGTGAACAGCGTAGAGGAGAGTGAGATCATCTTTGACCTCCTGCGGGACGTTCCAGGAG
 AACTTACAGGCTGAGAAATGCACATTCAATGTCATGAAGAAGCTCTGCTTCTCCTGCGGGCTGACCGCA
 TGAGCCTGTTTACGTACAGGACCCGCAACGGGATCGCCGAGTTGGCCACTAGGCTCTTCAATGTCCACAA
 GGATGCCGTCCTAGAGGACTGCTTGGTGTGCCGACTCCGAGATTGCTTCCCTCTGGACATGGGTGTC
 GTGGGCCACGTCGCACACTCCAAAAGATTGCCAATGTCCCAACACAGAAGAGGATGAGCATTTCTGTG
 ACTTCGTGGACAATCTCACAGAATATCAGACCAAAAACATCCTGGCTTCCCCATCATGAATGGGAAGGA
 TGTGGTAGCCATAATCATGGCTGTGAATAAAATAGATGAACCCACTTCACCAAGAGAGATGAAGAGATT
 CTCTCAAGTACCTCAACTTTGTGAACCTGATCATGAAGGTATTCCACCTGAGCTACCTGCACAACCTGTG
 AGACTCGTCGCGCCAGATATTGCTGTGGTCTGGGAGCAAGGTCTTTGAGGAGCTCACGGATATAGAGAG
 GCAGTTCACAAGGCCCTGTACACGGTCCGGGCTTTCCTCAACTGTGACAGATACTCCGTAGGACTCTTA
 GACATGACCAACAGAAGGAATTTTTGATGTGTGGCCAGTTCTGATGGGCGAGGCTCCAGCTTACTCTG
 GTCCCAGGACTCCAGACGGGAAGGAAATTAACTTCTACAAGGTCAATTGACTACATCTGCACGGCAAGA
 AGACATCAAAGTCATCCCGAACCCACCCGCTGACCACTGGGCTCTAGTGAGTGGTCTCCCACTTACGTG
 GCTCAAATGGTCTGATCTGCAATATAATGAATGCGCCTGCAGAGGACTTTTTGAATCCAGAAGAGAGC
 CTCTGGATGAGTCTGGTGGATGATTAATAAATGTACTCTCCATGCCCATCGTCAACAAGAAGGAAGAGAT
 CGTCGGCGTGGCCACATTTTACAACCCGCAAGATGGGAAGCCCTTCGACGATATGGACGAGACCCCTCATG
 GAGTCTTTGACTCAGTTTCTGGGATGGTCAAGTCTTAAACCCTGACACCTACGAGTCCATGAACAAGCTCG
 AGAACAGGAAGGATATCTTCCAGGACATCGTGAATATCACGTGAAGTGTGATAACGAAGAAATCCAGAA
 GATCTTGAACAGGAGGAGTACGGCAAGAGCCGTGGGAATGCGAGGAGGAGGAGCTGGCTGAGATC
 CTGCAAGGAGAACTTCCAGACGCGGAGTACACGAAATCAACAAGTTCACCTTACGCGACCTGCCACTCA
 CGGAGCTGGAGCTGGTGAAGTGCAGTCCAGATGTACTACGAGCTCAGAGTGGTGGACAAGTTCACAT
 CCCGCAAGAGGCCCTGGTGCCTTTCATGTATTGCTAAGCAAAGGCTACCGGAGAATCATTACCACAAC
 TGGCGGCATGGCTTCAACGTGGGGCAGACCATGTTCTCCTTGCTGGTACAGGAAAGCTGAAACGGTACT
 TCACTGATCTAGAGGCCCTGGCCATGGTCACTGCTGCCTTCTGTGATGACATCGACCACAGAGGCAGGAA
 CAACCTTACCAGATGAAATCACAGAACCCCTGGCCAAGCTCCATGGGTCTCCATCTTGGAAAGGCAT
 CATTTGGAGTTTGGCAAAACACTCCTGAGAGATGAGAGCCTGAATATCTTCCAGAACCTGAATCGCCGGC
 AGCATGAGCAGCGATCCACATGATGGACATCGCGATCATTGCCACAGACCTTGCCTTGTATTTCAAGAA
 AAGGACCATGTTCCAGAAGATTGGATCAGTCAAAGACATATGAGAGTACCCAGGAGTGGACCCAGTAC
 ATGATGCTGGAGCAGACACGGAAGGAAATTTGATGGCCATGATGATGACCGCCTGTGATCTCTCAGCCA
 TCACCAAAACCTGGGAGGTACAGAGCAAGTGGCTCTGCTGGTGGCTGCTGAATTCTGGGAGCAAGGTGA
 CCTGGAGCGCACAGTCTGCAGCAGAATCCCATCCCATGATGGACAGAAACAAGGCGGATGAGCTCCCC
 AAGCTTCAAGTCGGCTTTCATCGACTTTGTGTGCACTTTTGTCTATAAGGAGTTCTCCCGATTTTCATGAGG
 AGATTACACCCATGCTGGATGGATCACTAACACCGCAAGGAATGGAAGGCGCTGGCTGATGAGTACGA
 AGCCAAGATGAAGGCCCTGGAGGAGGAGAAGCAGAAGCAGCAGGCCAAGCAAGCTGCTTCCGGGAAC
 CAGCCAGGAGGGAACCCCACTCCAGGGGTGCACCTGCATCTAAGTCTGTTGCATCCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_146086
Insert Size: 2583 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:	<ol style="list-style-type: none">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:	<u>NM_146086.2</u> , <u>NP_666198.1</u>
RefSeq Size:	4230 bp
RefSeq ORF:	2583 bp
Locus ID:	225600
Cytogenetics:	18 34.41 cM