

Product datasheet for **RN202734**

Pde6a (NM_001107386) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pde6a (NM_001107386) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pde6a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202734 representing NM_001107386
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGTGAGGTGACAGCAGAGGAGGTAGAAAAGTTCCTGGATTCAAATATTGGCTTTGCCAAACAATACT
 ATAATTTTCACTACCGGGGAAGGTCGTCTCAGACCTCCTCGGGCCAAGGAGGCAGCCGTGGACTTCAG
 CAACTACCACGATGTGAACAGGGTGGAGGAGAGTGAGATCATCTTTGACCTCCTGCGGGACTTTCAGGAG
 AACTTACAGGCCGAGAAATGCACGTTCAATGTCATGAAGAAGCTCTGCTTCTCCTGCGGGCTGACCGCA
 TGAGCCTGTTTACGTACAGGACCCGCAATGGCATTGCAGAGCTAGCCACCAGGCTCTTCAACGTCCACAA
 GGATGCCGTCCTAGAGGACTGCTTGGTGTGCCAGACTCCGAGATTGCTTCCCTTTGGACATGGGTGTC
 GTGGGCCACGTCGCACACTCCAAAAGATCGCCAATGTCCCAACACAGAAGAGGATGAGCATTCTGCG
 ACTTCGTGGACAGCCTCACAGAATACAGACCAAGAGCATCCTGGCATCCCCATCATGAATGGGAAGGA
 CGTGGTAGCCATAAATTGGCTGTGAATAAAATAGATGAACCCCACTTCCCAAGAGAGATGAAGAGATT
 CTCTCAAATACCTCAACTTTGTGAATCTGATCATGAAGGTATTCCACCTGAGTTACCTGCACAACCTGTG
 AGACCCGGCGTGGCCAGATATTGCTGTGGTCTGGAAGCAAGGTCTTCAAGAGCTCACGGATATAGAGAG
 GCAGTTCCACAAGGCCCTGTATACGGTCCGAGCTTTTCTCAACTGTGACAGATACTCTGTAGGACTCTTA
 GACATGACCAAACAGAAGGAATTTTTGATGTGTGGCCAGTTCTGATGGGCGAGGCCACGCTACTCTG
 GTCCCAGGACTCCAGATGGAAGGGAAATTAACTTTTACAAGGTCAATTGACTACATCTGTCATGGCAAAGA
 AGACATCAAAGTAATCCCGAACCCACCTGCTGACCACTGGGCTCTAGTTAGCGGTCTTCCCACTTATGTG
 GCTCAAATGGTCTGATCTGCAATATAATGAATGCGCCTGCAGAGGACTTTTTTGAATCCAGAAGAGAGC
 CTCTGGATGAATCTGGATGGATGATTAATAAAGTACTCTCCATGCCGATTGTCAACAAGAAGGAAGAGAT
 CGTGGGCGTGGCCACATTTTACAATCGCAAAGATGGGAAGCCCTTCGACGACATGGACGAGACCCTTATG
 GAGTCTTTGACTCAGTTTCTGGGCTGGTCACTTAAACCCTGACACCTACGAGTCCATGAACAACTTG
 AGAACAGGAAGGATATCTCCAGGACATCGTAAAATATCACGTCAAGTGTGATAATGAGGAAATTCAGAA
 GATCTTGAACAGGAGGATGATGGCAAAGAGCCGTGGGAATGCGAGGAGGAGGAGCTGGCTGAGATC
 CTGCAAGAAGAACTTCCAGATGCCGAGAAATATGAAATCAACAAGTTTCACTTCACTGACCTGCCCTTA
 CGGAATGGAGCTGGTGAATGCGGCATACAGATGTACTATGAGCTCAGAGTGGTGGACAAGTTCCACAT
 CCCGCAAGAGGCCCTGGTGGCTTTCATGTATTGCTAAGCAAAGGCTACCGGAGGATCACTTACCACAT
 TGGCGGCATGGCTTCAACGTGGGCGAGCCATGTTCTCCTTGCTGATGACAGGAAAGCTGAAGCGTACT
 TCACTGATTTGGAGGCCCTGGCCATGGTCACTGACGCTTCTGTGATGACATTGACCACAGAGGCAGGAA
 CAACCTTACCAGATGAAATCACAGAACCCCTGGCCAAGCTTCAATGGGTCTCCATCTGGAAAGGCAT
 CATTTGGAGTTTGGCAAACATTGCTGAGAGATGAGAGCCTGAATATCTTTCAGAACCTGAATCGCCGGC
 AGCAGGAGCATGCGATCCACATGATGGACATTGCGATCATCGCCACGGACCTTGGCCTGTATTTCAAGAA
 AAGGACAATGTTCCAGAAGATTGTGGATCAGTCAAAGACATATGAGAGTACCCAGGAGTGGACCCAGTAC
 ATGATGCTGGAGCAGACACGGAAGGAAATGTGATGGCCATGATGATGACCGCCTGTGACCTCTCAGCCA
 TCACCAAGCCCTGGGAGGTGCAGAGCAAGTGGCTCTGCTGGTGGCTGCTGAATTCTGGGAGCAAGGTGA
 CCTGGAGCGCACAGTGTCAACAGAATCCCATTCCCATGATGGACAGAAACAAGGCAGATGAACCTCCC
 AAGCTTACAGTCCGCTTCAATGATTTTGTGTGACCTTTGTCTATAAGGAATTCTCCCGTTTCATGAGG
 AGATCACACCCATGTTGGATGGATCACTAACAACCGTAAGGAGTGAAGGCGCTGGCTGATGAGTACGA
 GGCCAGGATGAAAGCATTGGAGGAGGAGAAGCAGAAGCAGCAGGCCAAGCAAGCTGCTTCCGGGAAC
 CAGCCAGGAGGAAACCCAGTCCAGGGGTGCACCTGCATCCAAGTCTGTTGCATCCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107386
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_001107386.1</u> , <u>NP_001100856.1</u>
RefSeq Size:	4104 bp
RefSeq ORF:	2583 bp
Locus ID:	307401
Cytogenetics:	18q12.1