

## Product datasheet for **RN206593**

### **Pde6b (NM\_001106024) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pde6b (NM_001106024) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pde6b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >RN206593 representing NM\_001106024  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAGCCTCAGTGAGGAACAAGTACGCAGCTTCTGGATGGGAACCCACCTTTGCCACCAATACTTTG  
 AGAAGAAGCTGAGCCCTGAAAAATGTGGCAGGGGCTGTGAAGGTGGTTGCCTGGTGGACTGTGGCAGCCT  
 ACGAGAGCTGTGCCAGGTGGAAGAGAGTGCAGCGCTGTTTGAAGTGGTGCAGGACATGCAAGAGAGCGTC  
 AATATGGAACGCGTGGTCTTCAAGGTTCTGCGGCTCTCTGCACCATCCTGCATGCTGACCGCTGCAGCC  
 TCTTTATGTACCGCCAGCGCAATGGCGTAGCTGAACTTGTACTCGGCTCTTCAAGTGTGCAGCCGACAG  
 CCTCTGGAGGATTGCCTGGTGGCCCTGACTCTGAGATCGTCTTCCCTCTGGACATTGGGATTGTGGGC  
 CATGTGGCTCAGACCAAGAAGATGATAAACGTGCAGGATGTGGCAGAGTGTCTCACTTCAGCCCATTTG  
 CCGATGAGCTCACCGACTACGTGACAAAGAACATTCTGTCCACGCCAATCATGAATGGCAAAGATGTTGT  
 GGCTGTGATTATGGCAGTGAATAAATTGGATGGTCCATGCTTCCAGAGCGAAGACGAAGATGTTTTACAG  
 AAGTACCTGAATTTTGCTACATTAACCTGAAGATCTATCACCTAAGCTACCTCCACAACCTGTGAAACAC  
 GCAGAGGCCAGGTGCTTCTGTGGTCAGCCAATAAGGTATTTGAAGAACTGACAGACATTGAAAGACAGTT  
 CCACAAGGCCCTTCTACACTGTCCGGCCTATCTAAACTGTGACCGGTAAGTCTCAGTGGGCTCCTGGACATG  
 ACCAAGGAGAAGGAATTTTGTATGTGTGGCCTGTGCTGATGGGGGAAGCCAGCCATACTCGGGCCAC  
 GAACACCAGATGGCCGGGAAATTTGTCTTCTACAAAGTCATTGATTATATCCTCCATGGCAAAGAAGACAT  
 CAAAGTCATTCCACACCTCCAGCTGATCACTGGGCCCTGACCAGTGGCCTTCCACCTATGTGGCAGAA  
 AGTGGCTTTATCTGTAACATCATGAACGCTTTCAGCTGATGAAATGTTCAACTTTCAGGAAGGGCCCTGG  
 ATGAGTCAGGGTGGGTGATCAAGAATGTTCTTCCATGCCCATTTGCAACAAGAAGGAGGAGATTGTGGG  
 GGTAGCCACCTTCTACAACAGGAAAGATGGAAAGCCCTTCGATGATCAAGATGAAGTCTTATGGAGTCT  
 CTGACACAGTTCTGGGATGGTCAAGTGTGAACACAGACACCTATGACAAGATGAACAAGCTGGAGAACC  
 GTAAGGACATCGCCAGGACATGGTCTGTACCATGTGAGATGCGACAAGGATGAAATCCAGGAAATCTT  
 GCCAACAAGGGATCGCCTGGGGAAGGAACCTGCTGACTGTGAGGAGGATGAGCTGGGAAAAATCTTGAAG  
 GAGGAACTTCCAGGGCTACCAAGTTTGACATCTATGAGTTCACCTTCTCTGATCTGGAGTGCACCGAGC  
 TGGAGCTAGTCAAATGTGGCATCCAGATGTACTACGAGCTGGGTGTAGTCCGAAAGTTCAGATTCCCCA  
 GGAGTCTTGTGCGCTTCTATTCTGTGTCAGCAAAGCTTACCGAAGAATCACCTACCATAACTGGCGC  
 CATGGCTTCAATGTGGCCAGACCATGTTTACCCTACTCATGACAGGCAAACCTGAAGAGCTATTACACAG  
 ACCTAGAGGCCTTCGCCATGGTTACAGCTGGCCTGTGCCACGACATCGACCACCGTGGCACCACAACCT  
 GTACCAGATGAAATCTCAGAATCCTCTAGCCAAACTACATGGCTCCTCAATTCTGGAAAGGCACCACTTG  
 GAGTTTGGGAAGTTTCTGTTGGCAGAGGAGAGCCTGAATATCTACCAGAACCTGAACCGCGGCAGCATG  
 AACATGTGATCCACCTCATGGACATCGCCATCATTGCCACTGACCTGGCCCTCTACTTCAAGAAGAGAAC  
 CATGTTCCAGAAGATTGTGGATGAATCTAAGAATAAAGAAGAGCTGGGTTGAGTACTTGTCC  
 CTAGAGACCACACGAAAGGAGATCGTCATGGCCATGATGATGACTGCATGTGACCTGTCTGCTATACCA  
 AGCCCTGGGAAGTCCAGAGCAAGGTTGCTCTTCTGGTGGCTGCTGAGTCTGGGAACAGGGGACCTGGA  
 GAGACTGTCTGGACCAACAGCCATTCCCATGATGGACCGGAACAAAGCAGCTGAGCTCCCCAAGCTA  
 CAAGTTGGCTTTCATCGACTTCGATGTACTTTCTGTACAAGGAATTTTCTCGATTTTCAGGAAGAGATCC  
 TGCCCATGTTTACCGACTGCAAAATAACAGAAAGGAGTGGAAAGCTCTAGCTGATGAGTATGAGGCCAA  
 AGTCAAGGCACTGGAGGAAGAGAAGAAGAAGGAAGAAGACAGAGTAGCAGCCAAGAAAGCGGCACAGAA  
 ATTTGCAATGGTGGTCCAGCACCAAGTCTCGACCTGCTGTATTCTA**TAA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII  
**ACCN:** NM\_001106024  
**Insert Size:** 2571 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001106024.1</a></u> , <u><a href="#">NP_001099494.1</a></u>
<b>RefSeq Size:</b>	2772 bp
<b>RefSeq ORF:</b>	2571 bp
<b>Locus ID:</b>	289878
<b>Cytogenetics:</b>	14p22