

## Product datasheet for **RN209284**

### **Pde3b (NM\_017229) Rat Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pde3b (NM_017229) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pde3b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN209284 representing NM_017229 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGGAAGGACGAGCGCGAGCGGGACACGCCAGCCATGAGGTCCCCGCCGCCGCCGCCGCCGCCGCCA  
CGGCCACGGCCGCTCGCCCCGAGAGCTGCGCAACGGTACGTGAAGAGCTGCGTGAAGCCGCTGCG  
GCAGGACCTCCGCGCAGCTTCTTCTCCACCTGCGCGTCTGCAACGTGGAGCGCCGCCGCCCTCG  
CTCCGCGCCGGGACACGCTCTCGCTCGCGCTCTGGCCGCTTGTCTGGCCGCGCTGCTGGGCGCG  
GGCCCCGAGCGCTGGGCGGCCGCGGACCGGGTTCGGACGCTGCTGAGCGCTTGTCTGCTCAGCCTCAG  
CCCCGCTTTCAGCATCGCTGTGCTTCTTCTTCTCACCTGCTTCTGACGCGCGCGCAGCGCGGCCCG  
GACCGCGCGCCGGCTCCTGGTGGCTGCTGGCGTGCCTGCCTGCTGCTACCTGGGCGACTTCGCGGCGT  
GGCAGTGGT  
CTGCGTGGGCTGCTGACGCTCGCGCTCGCGTGGGCTGCGGCACGGAGTCTGGTGGTGGTGGTGGT  
GGCCTGGT  
GCCTGGTGGGCGCGGGATGCCTGCTAGCCCTGGGCTTGGACCACTTCTTTCAGTCCGGGGAGCCTC  
ACCTCCCCCGCGCTCGGGGAGTACCGCGGATGAAAAAGTGCCTGTGATCAGACCCCGAGGAGGTCCAGC  
TGGTGTGCTGGGAGAAAGCGCGGCCGGTACTATGGCAGTGGCAAGATGTTTCAGGAGACCGTCTGTTGC  
CTTGATTTCTCGAGAACAGATGATTCTCTGGGACTGGGACTTGAAGCAGTGGTGTAAACCTCATTACCA  
GAATTCTGGAGGTGAAATGGAGTTGATCTTTCAGTGTAAATGAAGCTCGCAATATGGTGTGACACCTT  
CTGATTGACCAAGCCTTCCCCACAAGTCACTTCTTCTTGGCGAGTATCAGTAGCTTGGTGGTGGTGGT  
TCTCAGTTCTGTAGGCCAAAGATTAATTCTTTCACACCACTTCTGGATTTTATCCCTGTTCTGAAGT  
AGAAGATCCAGTAGAGAAAGGCGATCGAAAACCTCACAAAGGGTTGAGTAGCAAACCCAGTTTCCCGACT  
GCACAGCTGAGGAGGAGCTCAGGAGCGTCAAGATTGCTGACCAGTGGACCACTCACGGTGGGATCGCA  
GCGGTGGCAAAAGCCTTACCAAGAAGTCAAGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT  
TTCAAATCTTATGACAATTCAAAGCAGAGTCAATCATCTGTGTCGCTGACGCACCATGCAGGTCTGAGA  
AGAGCTGGT  
TAACTAATCGATCACCGTAGGATTTCTGATACCAGTATTTCTTACTAAGCCAAGTGTACTTTACA  
TAGATCACTGGGCGAGTATCCAGTGCAGCAGATTTCCATCAGTACCTTAGGAAGTCTGACAGCAGTCTG





RefSeq ORF: 3327 bp

Locus ID: 29516

UniProt ID: [Q63085](#)

Cytogenetics: 1q34

Gene Summary: catalyzes the hydrolysis of cAMP and cGMP; regulates insulin secretory processes [RGD, Feb 2006]