

Product datasheet for **RN209161**

Pde12 (NM_001013998) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pde12 (NM_001013998) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pde12
Synonyms:	LRRGT00074; RGD1310975
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN209161 representing NM_001013998

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGAGCGCGCGGTGGTGCCTGTGTGCCCTCGGAGCCCAAGCTCAGCCTGTCTTTTGGCTTGGCCGACG
GCAGCCACAAAAACATGCAGCGGGACCAGAGCGAGCCTCTGGGCCGTGCTCTCAGCCGGATCGCTACCAA
CGCCCTCAAGGGGACGCTAAGGTAGCGGCTGCCAAAAAGAGCAGGAAGAACCGAGCCCACTCGAGCGGT
GGCGCGGCTGCGCGGACAGGGTCTGAACCGGCTGCGACCTGCGAGCCGGTGGTGAAGCTGTACTACC
GGGAGGAGCGGTAGCTGAGGATGTGCTCAATGTGGACGCTGGCAGGACGGAGCGGTGCTGCAGATCGG
CGATGTCAAGTACAAGGTGGAGCGCAACCCGCTGCCTTCACGGAGCTACAATTGCCGCGCTACATCATG
GCTGGCTTCCCGGTGTGTCCAACTCGGTCTGGAATTTGGGGATCCCGCCAGCTCCGTGTTCCGCTGGT
ACAAGGAAGTCAAACCCGGGGCGGAGAACCTGGAGACAGCGGTCTCGCGTCATCGTCTCACTCTTTGCA
GTCTTCAGCTTGGATCGAGACGGGTGTGGACGAGCGGTTACACCCCGTGAATGCTGACATCGGGCTA
CGGCTCAAGCTTCACTGCACGCCGGCAATGGGACGCGCTTCGGGCCAAGCCGCGAGCTAGAGAGCGGT
GCCCCGTGGAGGCCGGGCTGGACCTGCACTTTTGACCATCGACATCTATACCAAGAAGGTGACAGA
GGACTCTTTATCCGCACTGTCTCTACACATCTCTGGCAGACAGTACGCCAGACTGAGTTTTCTCGG
ACAGTCTGTACCCGACTGTGCCCCCTACGCCCTGGAGCTTGACTACCGCCAGAACCTTATTCAAAGG
AGCTCACAGGCTACAACGCAGACCTCATCTGTTTGCAGGAGGTGGACCGCGCAGTGTCTCGGACAGCTT
GGTACCGGCCCTAGAGGCCTTCGGGCTGGAGGGTGTGTTCCGAATCAAGCAGCACGAAGGCCTGGCCACT
TTCTACCGGAAGTCGAAGTTCAGGCTCCTTAGCCAACATGACATTTCTTTTCAAGAAGCCCTGAAGTCGG
ACCCACTGCACAAAGAATTACTAGAGAACTGGCTTTGAACCCGTTAGCACAGGAGAAAGTACTCCAGAG
ATCGTCTGTCTTCAGATTTTCAGTTCTTCAGTCTACCACGGAATCTTCTAAAAAGATCTGTGTTGCTAAT
ACTCATCTCACTGGCACCCAAAAGGTGGATACATTCTGCTCATTCAAATGGCAGCAGCCTTGGTTCACA
TTAGACATGTTTCTGTGATCTATATCTGGCATAACAGTTATATTTTGTGGAGACTTTAATAGCACACC
ATCAACAGGAATGTATCATTTTGTGATCAATGGCAGCGTTCGGGAGGATCATGAAGACTGGGCTTCCAAT
GGGAGGAGGAGAGATGTGGCATGTCTCTCACACTGTTTCAAAGTAAAGCGCTTGTGGTGAACCTG
CCTACACAAATTATGTCGGTGGCTTTCATGGATGTCTCGATTACATTTTATTGACTTAAATGCTTTAGA
GGTTGAACAGACATTTTCAAGATATTCAGATAACGAAGTGAAGATTTGACTCCAGCATACAGATATCAG
GATGATTGGATACAAAGCCACCTTCAGGAATTGCTACTTTTATTTATGAGTTTGTGCCAAGTGGGAAAG
GTTTTACTGCTTCTTTAAAGAAAAGTGAATATCAAAGACTAATGGACATTCATACTGCTTACACTTA
TAGACTAATGGACATTCATACTGCTTATACTTATGGATTAATGGACATTCATACTGCTTATACTTATGGA
TTAATGGACATTCATACTGTTTATACTTATGGATTAATGGACATTCATACTGCTTATACTTATGGATTA
TGGACATTCATACTGCTTCCACTAGTAATTTTGTCAACATTTGTGTACAAGTTCTGTGTGGGTGCTTAA
TTTCTCTTGGGAGTCTTTGCCATGGGAGAACTCTGGGTGATGTGGAACACTTACCTTTTGAGAAA
TTGCTAGAGTATTAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001013998

Insert Size:

2118 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:	<u>NM_001013998.2, NP_001014020.2</u>
RefSeq Size:	2118 bp
RefSeq ORF:	2118 bp
Locus ID:	306231
Cytogenetics:	16p16