

## Product datasheet for RN200111

### Pds5b (NM\_001101805) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pds5b (NM_001101805) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pds5b
Synonyms:	Aprin; AS3; CG008
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN200111 representing NM_001101805 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTCATTCAAAGACAAGAACCAACGATGGCAAATTACTTACCCTCCTGGTGTCAAGGAGATCTCAG  
ATAAAATCTCTAAAGAGGAGATGGTGAGGCGGCTAAAGATGGTTGTA AAAACATTCATGGACATGGACCA  
GGACTCTGAAGAGGAAAAGGAAGTGTATCTAACCTAGCTTTACACCTTGCTTCTGACTTCTTCTCAAG  
CATCCTGATAAAGATGTCGGTTACTGGTGGCTTGCTGCCTTGCTGATATTTTCAGGATTTACGCTCCTG  
AGGCTCCTTACACATCTCCGATAAACTAAAGGATATATTTATGTTTATAACAAGCAATTGAAGGGACT  
GGAGGACACAAAGAGCCCTCAATTCAATAGGTATTTTATTTACTTGAGAACATTGCATGGGTTAAATCA  
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TTATAACAATGGCCACAATCAGAAAGTTCACATGCACATGGTGGACCTTATGAGCTCTATCATCTGTGA  
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CCAATTTTTTAAATCAGGTTCTGATGCTTGGGAAAACATCTATCAGTGATTTGTCTGAGCATGTCTTTGA  
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ACTCAGAATTGGCCTCTCAAAACAACCACTCTGGCAGTGTACTTGGGCAGGTTCAATGACATCCATGT  
GCCAATACGCCTGGAATGTGTGAAGTTTCCAGCCACTGCCTCATGAACCATCCCATTAGCAAAGGAT  
TTAACAGAGTATCTTAAAGTGAGGTCACACGACCTGAAGAAGCTATTAGACATGATGTCATTGTGTCTA  
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ACTATCAGAACAGCATTGATGACCGGTTGCTTGTGAGCGGATCTTTGCTCAGTACATGGTTCTCACAA  
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GCATTGAATGAAATGTGGAAATGTCAAAATCTACTCCGACATCAAGTAAAGGATTTGCTTGATTTAATTA  
 AACAAACAAAAACAGATGCCAGTGTCAAGGCCATATTTTCTAAAGTGATGGTTATTACAAGAAATTTGCC  
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 GATAGCCCCTGTGCACATTGACACTGAGTCTATCAGCGCTTTATCAAGCAGGTGAATAAGTCGATAGAT  
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 TGCCAGGCAGTGCCTGGTGAAGAATCACTGTGAGGAGGGAGTACCTGAAGCAGCACGCGGCTGTTAGT  
 GAAAAATTATTGTCTCTTCTCCAGAGTATGTTGTTCCGTATACAATTCACCTTTTGGCACATGACCCCG  
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 ACTCCTGGAAAACCTAAAACAGCCAATGTCTCGGAGCAGTTAATAAGCCGCTTTCATCGGCAGGCAAAAC  
 AGTCTCAGACCAATCCTCACGGATGGAACCGTGAGCAACGCGAGCAGCTCAAACCAAGCTCTCC  
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 CAGAAGAGAAATTAGGTATGGATGACCTTAGTAAGCTGGTCCAGGAACAGAAACCTAAAGGCAGTCAGC  
 GGGGCCGAAAAGAGGCCATGCGGCTTCAGAATCAGAGGAGCAGCAGTGGCCTGAGGAGAAGAGGCCAAA  
 AGAGGAGCTCCTGGGAAATGAGGACGAGCAGAACAGCCCCCGAAGAAGGGCAAGAGAGGCAAGGCCACCA  
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 TCCACACAGTCCACACCAGAAAGGACGGGAAGACCATCAAAAACGCCATCACCATCACAAACCAAAAA  
 AAAATATCCGTGTAGGACGCTCCAAACAGGTAGCTACTAAAGAAAACGATTCAAGTGAAGAAATGGATGT  
 GCTTCAGGCCAGCTCTCCTGTGAGCGACGACACTACGCAGGAAGGAGCAGAAGAGGAGGATATTTCTGCA  
 GAAATGTACGGCGCGAAGCTCCAACGAGAGACGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001101805  
**Insert Size:** 4242 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_001101805.1</a></u> , <u><a href="#">NP_001095275.1</a></u>
<b>RefSeq Size:</b>	7071 bp
<b>RefSeq ORF:</b>	4242 bp
<b>Locus ID:</b>	304218
<b>Cytogenetics:</b>	12p12