

Product datasheet for **RN203079**

Plbd2 (NM_139255) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plbd2 (NM_139255) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Plbd2
Synonyms:	P76
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203079 representing NM_139255
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGCCCCCATGGACCGGACCCATGGTGGCCGGCGGCCCGGGCGCTGCGGGCGGCTCTGGCGCTGG
 CCTCGCTGGCCGGGCTATTGCTGAGCGGCTGGCGGGTGTCTCCCCACCCTCGGGCCCGGCTGGCGGGC
 CCAAACCCCGAGCCCGCGGCTCCCGCACCCGCTCGCTGCTGGACGCCGCTTCGGGCCAGCTGCGC
 CTGGAGTACGGCTTCCACCCCGATGCGGTGGCCTGGGCTAACCTACCAACGCCATCCGCGAGACTGGGT
 GGGCCTATCTGGACCTGGGCACAAATGGCAGCTACAATGACAGCCTGCAGGCTATGCAGCTGGTGTGGT
 GGAGGCCCTCTGTGCCGAGGAGCTCATCTACATGCACTGGATGAACACGGTGGTCAATTACTGCGGCCCC
 TTCGAGTACGAAGTCGGCTACTGTGAGAAGCTCAAGAGCTTCTGGAGGCCAACCTGGAGTGGATGCAGA
 GGGAAATGGAGCTTAGCCCGGACTCGCCATACTGGCACCAGGTGCGGCTGACCCTCTGCAGCTGAAAGG
 CCTGGAGGACAGCTATGAAGGCCGTTAACCTTCCCAACTGGGAGGTTCAACATCAAACCCTTGGGGTTC
 CTCTGCTGCAGATCTCTGGAGATCTGGAAGACCTAGAGCCAGCCCTGAATAAGACCAACACCAAGCCTT
 CCGTGGGCTCCGGTTCGTGCTCTGCCCTCATCAAGCTGCTGCCCGGCAGCCATGATCTCCTGGTGGCTCA
 CAACACTTGGAACTCCTACCAGAACATGTTACGCATCATCAAGAAGTACCGGCTGCAAGTCCGGGAGGGG
 CCGCAAGAGGAGTACCCCTGATTGCCGCAACAACCTGATTTTTTCGTCTTACCCGGGCACCATCTTCT
 CCGGTGATGACTTCTACATCCTGGGCACTGGGCTGGTCAACCTGGAGACCACCATCGGCAACAAGAACC
 AGCGCTGTGGAAGTACGTGCAACCCAGGGCTGTGTGCTGGAGTGGATTCGAAACATTGTGGCAACCGC
 CTGGCCCTGGATGGGGCCACCTGGGAGATGTCTTCAAGCGGTTCAATAGTGGCACGATAATAACCAGT
 GGATGATTGTGGACTACAAGGCATTCATCCCAATGGGCCAGCCCTGGAAGCCGGGTGCTCACCATCCT
 AGAACAGATCCCGGCATGGTGGTGGTGGCGGACAAGACTGCAGAGCTCTACAAGACGACCTACTGGGCT
 AGCTACAACATCCCGTACTTTGAGAGTGTTCACGCTAGTGGTCTGCAGGCCCTGGTAGCCAGTACG
 GAGATTGGTTCTCTACACCAGGAACCCTCGAGCCAAGATCTTCCAGAGGGACCAGTCACTAGTGGAGGA
 CGTAGACACCATGGTCCGGCTCATGAGGTACAATGACTTCCTTCATGACCCTCTGTCTGTGTGAGGGC
 TGCAGCCCGAAGCCCAACGCAGAGAACGCCATCTGCCCGCTCTGATCTCAACCCTGCTAATGGCTCT
 ACCCATTTAGGCCCTGCGTCAGCGCGCCATGGCGGCATTGATGTGAAGGTGACCAGCGTTGCACTGGC
 TAAGTACATGAGCATGCTGGCAGCCAGTGGCCCCACGTGGGACCAGTTGCCACCCTCCAGTGGAGTAA
 TCACCATCCACAACATGCTGCACATGGGCCAGCCTGATCTTTGGATGTTCTCACCTGTCAAGGTCCCAT
 GGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_139255

Insert Size: 1758 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: [NM_139255.3](#), [NP_640348.2](#)

RefSeq Size: 2217 bp

RefSeq ORF: 1758 bp

Locus ID: 246120

UniProt ID: [Q4QQW8](#)

Cytogenetics: 12q16

Gene Summary: human homolog is a nucleolar RNA-binding protein [RGD, Feb 2006]