

## Product datasheet for **RN216906**

### **Ptbp1 (NM\_001271057) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ptbp1 (NM_001271057) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ptbp1
Synonyms:	Ptb; PTB1; Pybp; Pybp1; Pybp2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN216906 representing NM\_001271057  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGACGGCATCGTCCCAGACATAGCAGTCGGTACAAAGCGGGATCCGACGAGCTTCTCCACGTGTG  
 TCAGCAACGGCCCTTCATCATGAGCAGCTCGGCCTCAGCAGCCAACGGAATGATAGCAAGAAGTTCAA  
 AGGTGATAACAGGAGCACAGGAGTTCCTTCCAGAGTCATCCATGTCCGAAAGCTACCTAGTGATGCACT  
 GAGGGCGAGGTCACTCCCTGGGGCTGCCCTTTGGGAAAGTTACCAACCTCCTTATGCTGAAGGGGAAGA  
 ACCAGGCCTTCATTGAAATGAGCACAGAGGAGGCTGCCAACACTATGGTTAACTACTACACATCGGTGGC  
 GCCAGTGTTCGTGGACAGCCATCTACATCCAGTTCTCCAACCACAAGGAGCTCAAACCGACAGCTCG  
 CCCAACAGGCACGTGCCAGGCAGCCCTGCAGGCTGTGAACTCCGTACAGTCAGGAAACCTGGCCTTGG  
 CAGCCTCTGCTGCTGCCGTGGATGCAGGAATGGCAATGGCAGGCCAGAGCCAGTGTCTCAGGATCATTGT  
 GGAGAACCTTTTCTACCCAGTGACTGGACGTGTGCACCAGATCTTCTCGAAGTTTGGCACAGTCTGT  
 AAGATCATCACGTTACCAAGAACAACAGTTCAGGGCGCTGCTGCAATGCTGACCCTGTGAGCGCCC  
 AGCATGCCAAGCTGTCCCTGGATGGCCAGAATCTACAATGCCTGCTGCACGCTGCGCATCGACTTCTC  
 CAAGCTCACAGTCTCAACGTCAAATACAACAACGACAAGAGCCGAGACTACACACGCCCTGACCTGCC  
 TCTGGAGACAGCCAGCCATCACTGGATCAGACCATGGCAGCAGCCTTTGGTGGCCCGGCATAATGTCAG  
 CCTCTCCGATGACAGGAGCCGGTTCCCTCCCACCTTTGCCATCCCTCAGGCCGAGGCCTCTCTGTTCC  
 TAATGTCCATGGAGCCCTGGCACCCCTGGCCATACCCTCTGCTGCTGCTGCTGCTGCTGCAGCCGGCCGC  
 ATTGCCATCCCAGGGCTGGCAGGCCGGGAATCCGTCCTTTTGGTCAAGCACTTGAACCCTGAGAGAG  
 TCACACCCCAAAGCCTCTTTATTCTCTTCGGCGTCTACGGTGATGTGCAGCGGGTGAAGATCCTGTTCAA  
 CAAGAAGGAGAACGCACCTTGTCAGATGGCAGACGGCAGCCAGGCCAGCTGGCCATGAGCCACCTGAAC  
 GGGCACAAGCTGCATGGGAAGTCAAGTGCATCACCTGTCAAAGCACAGAGTGTGCAGCTGCCTCGTG  
 AGGGACAGGAGGACCAGGGCCTGACCAAGGACTATGGCAGCTCACCGCTGCACCGCTTCAAGAACTGG  
 CTCCAAGAACTTTCAGAACATCTTCTCCCTCAGCTACCCTGCACCTCTCCAACATCCCGCCCTGTGTG  
 TCAGAGGATGACCTCAAGAGCCTCTTCTCCAGCAATGGCGGTGTGGTCAAAGGCTTCAAGTTCTCCAGA  
 AGGACCGCAAGATGGCACTGATCCAGATGGGCTCTGTGGAGGAGGAGTGCAGGCACTAATTGAGCTGCA  
 CAACCATGACCTGGGCGAGAACCACCACCTGCGAGTGTCTTTTCCAAGTCCACCAT**CTAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001271057
- Insert Size:** 1671 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001271057.1](#), [NP\\_001257986.1](#)

**RefSeq Size:** 2905 bp

**RefSeq ORF:** 1671 bp

**Locus ID:** 29497

**Cytogenetics:** 7q11

**Gene Summary:** DNA binding protein; involved in the negative regulation of alternative splicing [RGD, Feb 2006]  
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer protein (isoform a).