

Product datasheet for **RN207478**

Ptbp3 (NM_031346) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptbp3 (NM_031346) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ptbp3
Synonyms:	Rod1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207478 representing NM_031346
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACAATTCTACTTCTGCAGGTGTGTATGCTAATGGGAATGACAACAAGAAATTTAAAGGAGATAGAC
 CTCCTGTTCGCCTTCCCGTGTTCATCTTCGAAAAATTCATGTGATGTACCGAAGCAGAGGTCAT
 ATCATTAGGTCTACCATTTGGCAAAGTAACTAATCTTTTGGTGTGAAAGGAAAAAGCCAGGCCTTTTTG
 GAAATGGCTTCTGAAGAAGCTGCTGTTACTATGATAAATTATTACTCCCGTTACTCCTCACCTTCGAA
 GTCAGCCTGTTTATCCAGTATCCAATCACCGAGAAGTAAAGACTGACAATCTGCCAATCAGGCTAG
 AGCCCAAGCTGCACTGCAGGCTGTCAGTGCAGTCCAGTCAGGAAACCTGTCCCTTCTGGAGCTACTTCC
 AATGAAGGCACATTGCTACCTGGCAGAGCCCTGTGCTCCGGATAATTATTGAAAACCTATTTACCCTG
 TCACTCTGGAAGTTCTCCATCAGATATTTCTAAATTTGGCACGGTGTGAAGATTATCACCTTTACAAA
 GAATAATCAGTTCAAGCCTTGCTCAGTATGCTGACCCAGTGAATGCGCAGTATGCCAAAATGGCTCTG
 GATGGCCAGAATATCTATAATGCGTGTGCACTCTCCGTATCGACTTCTCCAAGCTCACAGCCTTAATG
 TGAATACAATAATGACAAAAGCAGAGACTTCACTCGCTTAGACCTTCTACTGGTGATGGTCAGCCATC
 TCTTGAACCTCCTATGGCTGCTGCATTCGGTGCACCGGTATAATGTCCTCTCCATATGCAGGGGCTGCT
 GGATTTGCCCCAGCCATTGCATTTCTCAAGCAGCAGGCTGTCCGTCTCGGCTGTTCTGGAGCCCTTG
 GTCCTCTCACACTTACTTCTCTGCTGTGAGTGAAGGATGGCCATTCTGGGGCAAGTGGTATACCAGG
 GAATTCGGTCTGCTGGTCACCAACCTCAATCTGACTTATCACACCACATGGGCTTTTATCCTATTT
 GGAGTGTATGGTGTACATCGAGTGAAGATTATGTTTAAACAAGAAAGAAAATGCCTTGGTGCAGATGG
 CCGATGGGAGTCAAGCCAGATAGCAATGAACCACCTAAGTGGTCAGAGACTTTATGGAAAAGTACTCG
 GGCTACACTGTCCAACATCAAGCTGTCCAGCTCCCTAGAGAGGGACAAGAAGACCAAGGTCTGACCAAG
 GACTTCAGCAATAGTCCCTGCATCGCTTTAAAAAGCCTGGCTCAAAGAATTCCAAAACATCTTCCTC
 CGTCAGCCACACTGCATCTCTCCAACATTCCTCCTTCTGTTACAATGGATGATCTGAAGAACCTGTTAC
 GGAAGCTGGATGTTCAAGTGAAGGCTTTTAAATCTTTCAAGAGACCGTAAGATGGCACTCATTAGTTG
 GGATCTGTGGAGGAAGCAATCCAGGCCCTTATTGAGCTTACAATCATGACCTTGGAGAAAATCACACC
 TCAGAGTTTCTTCTCAAATCCACCAT**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_031346
- Insert Size:** 1572 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:	<ol style="list-style-type: none">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_031346.1</u> , <u>NP_112636.1</u>
RefSeq Size:	2860 bp
RefSeq ORF:	1572 bp
Locus ID:	83515
UniProt ID:	<u>Q9Z118</u>
Cytogenetics:	5q24
Gene Summary:	functional homolog of <i>S. pombe</i> nrd1(+); may play a role in control of erythroid differentiation [RGD, Feb 2006]