

## Product datasheet for **RN200105**

### **Pbx1 (NM\_001100681) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pbx1 (NM\_001100681) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pbx1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN200105 representing NM\_001100681  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGACGAGCAGCCGAGGCTGATGCATTCCACGCTGGGGTCGGGATGGCCGGACACCCCGCCTGTCCC  
AGCACTTGCAGGATGGGCGGAGGGACCGAGGGGGGGAGGAGGAAGCAGGACATCGGGACATTTT  
ACAGCAAATTATGACCATCACAGACCAGAGTTTGGATGAAGCGCAGGCCAGAAAACATGCTTTAACTGC  
CACAGAATGAAGCCTGCCTTGTTAATGTGTTGTGTGAAATCAAAGAAAAACAGTTTTGAGTATTCGGG  
GAGCCCAAGAAGAGGAGCCACAGACCCAGCTCATGCGACTGGACAACATGCTGCTAGCAGAAGGGT  
GGCGGGGCTGAGAAGGGCGGAGGCTCGGCAGCGGCAGCGCAGCGGAGCTTCTGGGGTGCAGGT  
TCAGACAACACTCAGTGGAGCATTCCGATTACAGAGCCAACTCTCACAGATCAGACAAATCTACCACAG  
AGCTGGAGAAGTATGAACAGGCATGCAATGAATTCACCACCCACGTGATGAACCTCCTTCGGGAGCAAAG  
CCGGACCAGACCCATCTCTCCGAAGGAGATCGAGCGGATGGTCAGCATTATTCACCGCAAGTTCAGCTCC  
ATCCAGATGCAGCTGAAGCAAAGCACGTGCGAGGCAGTCATGATCCTGCGCTCCCGTTTCTGGATGCGA  
GGCGGAAGAGACGGAATTTCAACAAGCAAGCCACAGAAATCTGAATGAATATTTCTATCCCATCTCAG  
CAACCTTACCCAGTGAGGAAGCCAAAGAGGAGTTAGCCAAGAAGTGGCGCATCACAGTCTCCAGGTA  
TCAAACCTGGTTTGAAATAAGCGAATCCGGTACAAGAAGAACATAGGTAATTTCAAGAGGAAGCCAATA  
TTTATGCTGCCAAAACGGCTGTCACTGCCACCAATGTGTGAGCCCATGGAAGCCAAGCTAACTCGCCCTC  
CACTCCAACTCAGCGGGTGGATACCCTTCGCCATGTTATCAGCCAGACAGGAGGATACAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAAGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001100681  
**Insert Size:** 1044 bp



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<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_001100681.1</a></u> , <u><a href="#">NP_001094151.1</a></u>
<b>RefSeq Size:</b>	1869 bp
<b>RefSeq ORF:</b>	1044 bp
<b>Locus ID:</b>	304947
<b>Cytogenetics:</b>	13q24