

Product datasheet for **MR229340**

Pbx1 (NM_001291509) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pbx1 (NM_001291509) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Pbx1
Synonyms: 2310056B04Rik; D230003C07Rik; Pbx; Pbx-; Pbx-1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR229340 representing NM_001291509
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACGAGCAGCCGAGGCTGATGCATCCACGCTGGGGTCGGGATGGCCGGACACCCCGCCTGTCCC
 AGCACTTGCAGGATGGGGCCGAGGGACCGAGGGGAGGGCGGGAGGAAGCAGGACATCGGGACATTTT
 ACAGCAAATTATGACCATCACAGACCAGAGTTTGGATGAAGCGCAGGCCAGAAAACATGCTTTAACTGC
 CACAGAATGAAGCCTGCCTTGTTAATGTGTGTGAAATCAAAGAAAAACAGTTTTGAGTATTCGGG
 GAGCCCAAGAAGAGGAGCCACAGACCCCGAGCTCATGCGACTGGACAACATGCTGCTAGCAGAAGGGT
 GCGGGGGCCTGAGAAGGGCGGAGGCTCGGCAGCGCGCGCGGCAGCGCAGCTTCTGGGGGTGCAGGT
 TCAGACAACCTCAGTGGAGCATTCCGACTACAGAGCCAACTCTCACAGATCAGACAAATCTACCACACAG
 AGCTGGAGAAGTATGAGCAGGCATGCAATGAATTCACCACCCACGTGATGAACCTCCTTCGAGAGCAAAG
 CCGGACCAGGCCATCTCTCCGAAGGAGATCGAGCGGATGGTGAGCATCATCCACCAGCAAGTTTCAGCTCC
 ATCCAGATGCAGCTGAAACAGAGCAGTGCAGGCGGTCATGATCCTGCGCTCCCGGTTCTGGATGCGA
 GGCGGAAGAGACGGAATTTCAACAAGCAAGCCACAGAAATCTGAATGAATTTCTATTTCCCATCTCAG
 CAACCTTACCCAGTGAGGAAGCCAAAGAGGAGTTAGCCAAGAAGTGCGGCATCACAGTCTCCAGGTG
 GATACCTTCGCCATGTTATCAGCCAGACAGGAGGATACAGTGACGGACTCGCAGCCAGTCAGATGTACA
 GTCCGCAGGGCATCAGTGCTAATGGAGTTGGCAGGATGCTACTACCCCTTCATCAGTGACCTCCCCTAC
 AGAAGGCCCTGGCAGTGTCACTCTGATACCTCCAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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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_001291509.1](#), [NP_001278438.1](#)

RefSeq Size: 6890 bp

RefSeq ORF: 1020 bp

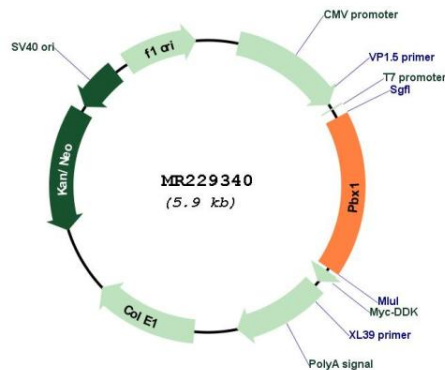
Locus ID: 18514

Cytogenetics: 1 75.95 cM

MW: 37.5 kDa

Gene Summary: This gene encodes a homeobox protein that belongs to the three-amino-acid loop extension/Pre-B cell leukemia transcription factor (TALE/PBX) family of proteins. The encoded protein is involved in several biological processes during embryogenesis including steroidogenesis, sexual development and the maintenance of hematopoietic stem cells. This protein functions in the development of several organ systems and plays a role in skeletal patterning and programming. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2014]

Product images:



Circular map for MR229340