

Product datasheet for **MC211925**

Pbx4 (NM_001024954) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pbx4 (NM_001024954) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pbx4
Synonyms: 2410015M21Rik; AI429113; AW045266
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211925 representing NM_001024954
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCGCCCTCTGCGTCCCGTGCCGCCACAGCCGCCCGCCCGCCCTGCCACCACAGCTCCACTAG
GCCATGACACGAGCGACGTCCTGCAGCAGATCATGGCCATCACCGACCAGAGCCTGGACGAGGCTCAGGC
CAGAAAGCATGCCCTGAAGTCCGATCGGATGAAGTCTGCTCTCTTCAGTGTGCTCTGCGAGATCAAGGGG
AAGACTGCCGTGAGCATCCAGTTTCAGGAAGAGGACCCTCCCGATGCCAGCTGCTGAGGTTGGATAACA
TGCTGCTGGCTGAGGGTGTGTCCAGGCCAGAGAAGAGAGGCCGAGGAGCAGCAGCAGGCAGCACAGCAAC
ACCAGGTGGCTGTCCAAATGACAATAGCATTGAGCACTCAGACTACAGGGCCAAGCTGTCCAGATCCGA
CAGATTTACCACTCTGAGCTAGAGAAGTATGAACAGGCCGTGCTGTGAGTTCACCACACATGTCACCAACC
TTCTCCGGGAACAGAGTAGGGTGAAGCCCTGTGTCTTGCAGGGAGATGGAACACATGGTGAACACCATCCA
GAGCAAGTTCAGTGCCATCCAGAGGCAGCTGAAGCAGAGCACGTGTGAGGCTGTGATGACTCTACGCTCA
CGGTTCTGGATGCCAGGCGCAAGCGCCGAATTCAGCAAGCAGGCCACAGACGTGCTGAATGAATATT
TCTATCCATTTGAGCAACCCTTACCCAGTGAAGAGACAAAGAAGAGCTGGCCAGGAAGGGTGGCAT
CACAGTGTCCAGGTCTCTAACTGGTTTGCAACAAAAGAATCCGGTACAAAAGAATACAGGGAAGTTT
CAGGAAGAAGCCACCATGTACACAGGAAAGCATCCACAGTCACCAAGGCCCGGCTCCAGGGTCCAG
GCAGCTGCCAGTCCACACCCAGCCAGGTCCCTGTGGCCCTTGCCACTGACCAATGGAAGTGACGTGGT
TCTCACTCTGCGGACCCTGGCCTTCTCCAGCCCCCACTGGGGAGTCTGCCTACAGCCCTGGTCCAT
AGTAACTGGCAGAGGGCCGCCACAGCCAGCCTCATCACCTGCGGGAGAGTCTGGCAGCTTCAATTGGG
ATGCTGCATCTAATTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_001024954
Insert Size:	1137 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_001024954.1, NP_001020125.1</u>
RefSeq Size:	1359 bp
RefSeq ORF:	1137 bp
Locus ID:	80720
UniProt ID:	<u>Q99NE9</u>
Cytogenetics:	8 B3.3