

## Product datasheet for SC124499

### PBX3 (NM\_006195) Human Untagged Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids   |
| Product Name:             | PBX3 (NM_006195) Human Untagged Clone   |
| Tag:                      | Tag Free  |
| Symbol:                   | PBX3  |
| Mammalian Cell Selection: | Neomycin  |
| Vector:                   | pCMV6-Entry (PS100001)  |
| E. coli Selection:        | Kanamycin (25 ug/mL)  |
| Fully Sequenced ORF:      | >SC124499 representing NM_006195.<br>Blue=Insert sequence Red=Cloning site Green=Tag(s) |

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGACGATCAATCCAGGATGCTGCAGACTCTGGCCGGGGTGAACCTGGCTGGCCACTCGGTGCAGGGG
GGCATGGCCCTGCCGCCTCCCCGCACGGCCACGAAGGGGCGGACGGCGACGGCAGGAAGCAGGACATC
GGCGACATCCTCCACCAGATCATGACCATCACCGACAGAGCTTGGACGAGGCGCAAGCAAAGAAACAT
GCCCTGAAGTGTACAGAATGAAACCAGCGCTCTTCAGCGTCTGTGTGAGATCAAAGAGAAAACAGGT
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TTGGCAGAAAGGGTTTCAGGTCTGAGAAAGTGGGGATCGGCGGCAGCAGCTGCAGCCGCGGCAGCC
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CGAAAATTTAGTTCATTAGATGCAGCTCAAACAAAGCACTTGTGAAGCAGTTATGATTTAAGATCA
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GTGCAGAACAAACAGACCAATTCGCCACACACCAAATTCGGTCTTCTGTTCTTTAACCTCCCA
AATTCTGGGGACATGTTATGAACATGCAGAGTCTGAATGGGGATTCTTACCAAGGGTCCCAAGTCGGA
GCCAATGTGCAATCACAGGTGGATACCCTCCGTGATGTTATCAATCAGACGGGAGGCTACAGTATGGC
CTTGGAGGAAATTCAGTGTACAGTCCACATAATTTAAATGCTAATGGAGGCTGGCAGGACGCAACAAT
CCATCTTCTGTGACTTCTCTACAGAAGGCCAGGAAGTGTGCACTCGGATACCTTAACTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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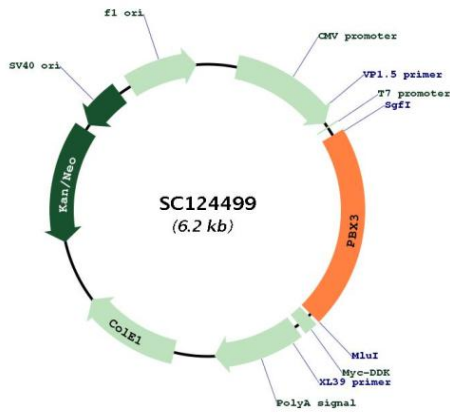
Restriction Sites: SgfI-MluI



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|                        |   |
|------------------------|---|
| ACCN:                  | NM_006195   |
| Insert Size:           | 1305 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"><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> |
| RefSeq:                | <a href="#">NM_006195.4</a>   |
| RefSeq Size:           | 2911 bp   |
| RefSeq ORF:            | 1305 bp   |
| Locus ID:              | 5090  |
| UniProt ID:            | <a href="#">P40426</a>  |
| Cytogenetics:          | 9q33.3  |
| Protein Families:      | Transcription Factors   |
| MW:                    | 47.2 kDa  |
| Gene Summary:          | <p>Transcriptional activator that binds the sequence 5'-ATCAATCAA-3'. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) utilizes an alternate first exon containing a predicted translation initiation site with a strong Kozak signal; the resulting protein isoform (1) is predicted to have a signal peptide.</p>  |

Product images:



Circular map for SC124499