

Product datasheet for **MC208684**

Hoxb1 (NM_008266) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hoxb1 (NM_008266) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hoxb1
Synonyms: Hox-2.9
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208684 representing NM_008266
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACTATAATAGGATGAGTTCCTTTTTAGAGTACCCACTTTGTAACCGGGGACCCAGCGCCTACAGCG
 CCCCACCTCTTTCCCCCTGCTCAGCTCCGGCCGTTGACAGCTACGCAGGGGAGAGCCGCTATGGTGG
 AGGGCTGCCTAGCTCAGCGCTCCAACAAAACCTCGGGGTATCCTGTCCAGCAGCCCGCTCATCCCTGGGG
 GTGTCCTTTCCAGCCCCGCTCCCTCGGGGTACGCCCCAGCCGCCTGCAACCCAGCTATGGGCCTTCTC
 AGTATTATTCTGTGGGTAGTCCGAAGGAGATGGAAGCTATTTTCATCCGTGAGCTACGGAGCCAGCT
 AGGGGGGTTGCCCGACAGCTATGGAGCGGGTGGAGTCCGGCTCAGGGCCATATCCTCCGCCGAGCCCCCA
 TACGGAAGTACGAGACCCGCAACCTTTGCATCAGCCTACGACCTCCTCTCTGAGGACAAGGAATCGCCTT
 GCTCGTCAGAACCAGCACTCTCACTCCCCGACCTTCGACTGGATGAAGGTCAAGAGAAACCCACCTAA
 GACAGCGAAGGTGTCGAGCTGGGACTGGGCGCTCCCGCGGTCTCCGCACAACTTCACCACGCGCCAG
 CTGACGGAGCTGGAGAAGGAATTCATTTCAACAAATACCTGAGCCGTGCCCGGAGGGTGGAGATCGCCC
 CCACCTGGAGCTCAATGAAACGCAGGTGAAGATCTGGTTCCAGAACCAGCGCATGAAGCAGAAGAACG
 CGAGCGAGAGGGGGCAGGATGCCTGCAGGCCCCAGGTTGCCAAAGGAAGCCGCTGGAGATGCCTCT
 GACCAGTCCGCGTGCACCTCCCCAGAAGCCTCGCCAGTTCATCACCTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_008266
Insert Size: 894 bp



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| 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: | NM_008266.5 , NP_032292.3 |
| RefSeq Size: | 2077 bp |
| RefSeq ORF: | 894 bp |
| Locus ID: | 15407 |
| UniProt ID: | P17919 |
| Cytogenetics: | 11 59.86 cM |
| Gene Summary: | Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. Acts on the anterior body structures.[UniProtKB/Swiss-Prot Function] |