

## Product datasheet for MC201158

### Hoxb6 (NM\_008269) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Hoxb6 (NM\_008269) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Hoxb6  
**Synonyms:** Hox-2.2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC016893 sequence for NM\_008269  
 CTCCCAGTGAAGTTCCTATTTTCGTAACCTCCACCTTCCCCGTCACTCTGGCCAGCGGGCAGGAGTCCCTTCC  
 TGGGCCAGCTGCCGCTCTACTCGTCTGGCTATGCGGACCCGCTGCGGCACTACCCCGCCTTATGGCC  
 GGGACCCGGCCAGGACAAGGGCTTTGCGGCGTCTCTATTACCCACCAGCCGGCGGCTACGGCCGG  
 GCGGCGCCTGTGATTATGGGCCGGCGCTGCCTTCTACCCGGGAGAAGGACGCGGCTGCGCTCTCCG  
 GCGCCGACGAGCCGCCCGTTCCACCCGAGCCGCGCAAGTCCGACTGCGCACAGGACAAGAGCGTGT  
 CGGAGAGACCGAGGAGCAGAAGTCTCCACGCCGTCTACCCGTGGATGCAGCGCATGAATTCGTGCAAC  
 AGTTCTCTTTTGGGCCAGCGGTGGCGAGGCCGCCAGACCTACACACGCTACCAGACCCTGGAGCTGG  
 AGAAGGAATTTCACTATAATCGCTACCTGACCCGCCGGCGCATAGAGATCGCGCACGCCCTGTGCCT  
 GACCGAGCGGCAGATCAAGATTTGGTTTCAGAACCAGCGCATGAAGTGGAAAAAGGAGAGCAAAGTCTC  
 AGTGCCTCTCAGCTCAGTGCAGGAGGAGGAGGAAAAGCCAGCCGAGTGAAGGTGCTGCAAAGGGAGGG  
 GGGACCGGAAGGAGAGTCTGTGGGGAACTAGGGCACCCGAAAGCCCAAGAGGCTCTGCGGTGCGG  
 GGAGTCTGGGACTTGCTGTCCAGAGCACGACGGGAGGGCCAGTGTCTGCCTGGATGCCCCCTTCTGC  
 AGAGCTCTTCTGGGCGCTTGGCGGATGCCACCCAGCACCCCAAGCGCCTCCTCCCTCCCCGAAGAAC  
 CCACCTTGGCCTCATCAGGCTCTCTGGTGAAGTCTGAGAACTCGGACTCACTTGATGTCTCTGGAAGCAG  
 AGCAGAATGCTCATGTCTTGTGAGTCTCATTTCGTCCATGTCCCCGTGCACGGTTCAATGGTAGATT  
 CGCTGTCCCCTCAGCAGGACCTGAAAGACTCCCTGACCCAGACTTGTCTCTCTACCCCTCCCCAAA  
 GCCACTGGAAGGAGCACATACTACCTAGAAGGAAGAAGAGGAGCCTCAGAAGAAAAAAAGTTCTATTTT  
 ATTAATTTCTATGTGTGTGTTGTAGTCTTGTCTTAGCTCCGACGTGAAATACTTCGGTAATAATAT  
 TAATATTATTAATAATGATTATGATGATGATAATAATAAAGATGTGAAAACCTCGCAAAAAAAAAA AAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_008269  
**Insert Size:** 675 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>	<a href="#">BC016893</a> , <a href="#">AAH16893</a>
<b>RefSeq Size:</b>	1344 bp
<b>RefSeq ORF:</b>	675 bp
<b>Locus ID:</b>	15414
<b>UniProt ID:</b>	<a href="#">P09023</a>
<b>Cytogenetics:</b>	11 59.82 cM
<b>Gene Summary:</b>	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. [UniProtKB/Swiss-Prot Function]