

## Product datasheet for **MC208024**

### Hoxb4 (NM\_010459) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hoxb4 (NM_010459) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hoxb4
Synonyms:	Hox-2.6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208024 representing NM_010459 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTATGAGTTCCTTTTTGATCAACTCAAATATGTCGACCCCAAGTTCCTCCGTGCGAGGAGTATT  
CACAGAGCGATTACCTACCCAGCGACCACTCGCCCGGTACTACGCCGGCGCCAGAGGCGAGAGAGCGG  
CTTCCAGCCGGAGGCGGCCTTTGGGCGCCGGGCGCGTGCCTGTGCAGCGCTACCGGCCTGCCGAGAC  
CCCGGGCCCCCGCACCTCCGCCCCCCCGCCCGCCCGCCACCGCCCGGCTGTCCCTCGGGCTCCAG  
TGCAGCCAACAGCCGGGCGCCTCCTCCCGAGCCCGGCAGCGCAGCGAGGCGGTGAGCAGCAGCCCCC  
GCCGCTCCCTGCGCCCAGAACCCTGCATCCCAGCCGTCCTCCACTCCGCGTTCAAAGAGCCCGTCGTC  
TACCCCTGGATGCGCAAAGTTCACGTGAGCACGGTAAACCCCAATTACGCCGGCGGGGAGCCCAAGCGCT  
CTCGGACCGCCTACACTCGCCAGCAGGTCTGGAGTTGGAGAAGGAGTTTCACTACAATCGCTACCTGAC  
GCGCCCGCGGAGGTTGGAGATCGCCACGCGCTCTGCCTGTCCGAGCGCCAGATCAAGATCTGGTTCCAG  
AATCGGCGCATGAAGTGGAAAAAGACCACAAGTTGCCAACACCAAGATCCGCTCGGGTGGCACCAGCGG  
GCGCAGCCGGAGGCCCCCTGGCCGGCCCAACGGAGGCCCCCTGCGCTCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_010459
Insert Size:	753 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="#">BC095947</a> , <a href="#">AAH95947</a>
<b>RefSeq Size:</b>	1541 bp
<b>RefSeq ORF:</b>	753 bp
<b>Locus ID:</b>	15412
<b>UniProt ID:</b>	<a href="#">P10284</a>
<b>Cytogenetics:</b>	11 59.83 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]