

Product datasheet for MC208686

Hoxb7 (NM_010460) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hoxb7 (NM_010460) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hoxb7
Synonyms: AI325018; Hox-2.3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208686 representing NM_010460
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGTTCATTGTATTATGCGAATGCTTTATTTTCTAAATATCCAGCCGCAAGTTCGGTTTTCGCTCCAG
 GAGCCTTCCCGAACAACTTCTTGCGCCTTTGCTTCAAACCCAGCGCCGGGCTATGGAGCAGGTCC
 GGGCGCTCCTTTCTCGCCTCGGTGCAGGGTCTGTACTCCGGCGGGGGCCATGGCGGGCCAGAGCGCG
 GCTGGCGTCTATGCGGCCGGCTACGGGCTCGAACCAGATTCTTCAACATGCACTGCGCGCCTTTGAGC
 AGAACCTCTCCGGGTGTGTCCGGCGACCCCGCAAGGCGGCTGGCGCCAAGGAGCAGAGGGACTCGGA
 CTTGGCGGCCGAGAGTAACCTCCGGATCTACCCCTGGATGCGAAGCTCAGGGCCTGACCGAAAGCGAGGC
 CGCCAGACCTACACGCGCTACCAGACCCTGGAGCTGGAGAAAGAATTTCACTACAATCGCTACCTGACTC
 GGCGGAGGCGCATCGAGATCGCGCACACGCTCTGCCTCACCGAAAGACAGATCAAGATCTGGTTTCAGAA
 CCGGCGCATGAAGTGAAAAAGGAGAACAAACCTCAGGACCGGGAACCACCGGCCAGGACAAGGCGGAA
 GCGGAGGAGGAGGAAGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_010460
Insert Size: 654 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_010460.2 , NP_034590.2
RefSeq Size:	1269 bp
RefSeq ORF:	654 bp
Locus ID:	15415
UniProt ID:	P09024
Cytogenetics:	11 59.82 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. [UniProtKB/Swiss-Prot Function]