

Product datasheet for MC227674

Hoxb3 (NM_001079869) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Hoxb3 (NM_001079869) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Hoxb3
 Synonyms: Hox-2.7
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC227674 representing NM_001079869
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAGAAAGCCACCTACTACGACAACACCGCAGCTGCGCTCTTCGGAGGCTACTCCTCGTACCCTGGCA
 GCAATGGTTTCGGCTACGACGGGCTCCCCAGCCCCCTTTCAGGCCGCCACGCACCTGGAGGGTGACTA
 CCAGCGCTCAGCGTGTCTCTGCACTCCCTGGGCAACCGCCCCACATGCCAAGAGCAAGGAGCTCAAT
 GGCAGCTGCATGAGGCCAGGCCTGGCCCCAGAGCCCTGCCCGCACCTCCGGGCTCACCCACCCAGCG
 CCGCACCTACCAGTACCACTAGCAACAGCAATAACGGGGGTGGGCCAGAAAAGCGGCCCCCCAAAGTG
 CGGTGCCGGCTCCAACCTCACCCCTCACAAACAGATATCCCCTGGATGAAAGAGTCGAGGCAAACGTCC
 AAGCTGAAAAACAGCTCCCCCGCACAGCAGAAGGTTGTGGTGGTGGCGGCGGGTGGTGGCGGCGGG
 GCGGCGGTGGCGGCGGCAGCAGCGGGGGGGCGGCGGCGGCGGGGGAGGGGACAAGAGCCCCCGGG
 GTCGGCCGCTCAAGCGGGCGGCACGGCGTACACAAGCGCGCAGCTGGTGGAGCTGGAGAAGGAGTTC
 CACTTCAACCGTTATTTGTCCCGCCGCGCCGGTTCGAGATGGCAATCTGCTGAACCTCAGCGAGCGCC
 AGATCAAGATCTGGTCCAGAACCCTGCATGAAGTACAAGAAAGACCAGAAGGCCAAGGGGCTGGCCTC
 GTCCTCTGGGGTCCCTCTCCGGCCGGAAGCCCCCGCAGCCCATGCAGTCCACGCCGGCTTCATGAAC
 GCCTTACACTCCATGACCCCGAGCTACGACAGCCCGTCCCACCAGCTTTCGGCAAAGGCCACCAGAATG
 CCTACGCGCTGCCTTCCAACCTACGACCCCTCTTAAGGGTTCGCGCGCCCCACAGAAGTACCCCGCAC
 CCCGGCGTCGGAGTATGAGCCCCAGTCTCCTCAAGCTAACGGGGCGCCTACGGGACGCCACCATGCAG
 GGCAGTCCGGTGTATGTGGCGGGGGTGGCTACGCGGATCCGCTGCCGCCCTGCCGGCCCTCCCTCT
 ACGGCCTCAATCACCTTTCCACCACCCCTCGGGAACTGGACTACAACGGGGCGGCCCTATGGGCC
 CAACCAGCATCATGGACCCTGTGACCCTACCCACGTACACAGACCTCTCTCTACCACGACCCGCT
 CAGGGTAGAATCCAAGAAGCGCCCAAACCTGACACACCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001079869
Insert Size:	1302 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001079869.1</u> , <u>NP_001073338.1</u>
RefSeq Size:	3390 bp
RefSeq ORF:	1302 bp
Locus ID:	15410
UniProt ID:	<u>P09026</u>
Cytogenetics:	11 59.84 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] Transcript Variant: This variant is the longer transcript. Variants 1 and 2 encode the same protein.