

## Product datasheet for MR219406

### Hoxb5 (NM\_008268) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hoxb5 (NM_008268) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hoxb5
Synonyms:	A1385717; Hox-2.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR219406 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGCTCGTACTTTGTAAACTCCTTCTCGGGCGTTATCCAAATGGCCCGGACTATCAGTTGCTAAATT  
ATGGCAGTGCCAGCTCTCTGAGCGGCTTTACAGGGATCCCGCTGCCATGCACACCGGCTTTACGGCTA  
CAATTACAATGGGATGGATCTCAGCGTCAACCGCTCTCGGCCTCCTCCAGCCACTTTGGGGCGGTGGGC  
GAGAGCTCGCGCGCTTCCCCCGCTCCGCCAGGAACCCCGCTTCAGGCAGGCGACGTCCAGCTGCTCCC  
TGTCTCGCCGAGTCCCTGCCCTGCACCTAACGGCGACAGCCACGGCGCCAAGCCCTCTGCTTCGTCGCC  
TTCCGACCAGGGGACCCAGCCAGCTCCAGCGCAATTTACCGAAATAGACGAGCCAGCGCGTCTCT  
GAGCCCGAGGAAGCGGGAGCCAGCTAAGCAGCCCGCTTGGCTCGAGCACAGCCAGAGCCCATGGCCA  
CCTCTACAGCCGCGCCGAGGGGAGACTCCACAGATATCCCCTGGATGAGGAAGCTTCACATCAGCCA  
CGATATGACTGGGCCAGACGGAAAAAGGGCCCGGACCGCTATACTCGCTACCAGACCCTGGAGCTGGAA  
AAGGAATCCACTTCAATCGCTACCTGACCCGGCGGCGACGTATCGAGATCGCCACGCGCTTTGCCTGT  
CCGAGCGTCAGATCAAAATCTGGTTCCAGAACCGTCCGATGAAGTGAAGAAAGACAACAACTGAAAAG  
TATGAGTCTGGCTACAGCCGGCAGCGCCTTCCAACCT

**ACGCGT**ACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA





**Reconstitution Method:**

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\\_008268.1](#), [NM\\_008268.2](#), [NP\\_032294.2](#)

**RefSeq Size:** 1912 bp

**RefSeq ORF:** 810 bp

**Locus ID:** 15413

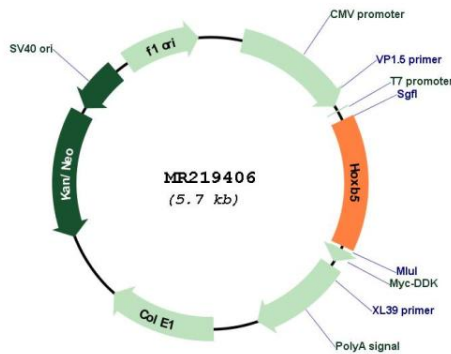
**UniProt ID:** [P09079](#)

**Cytogenetics:** 11 59.82 cM

**MW:** 29.5 kDa

**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]

**Product images:**



Circular map for MR219406