

## Product datasheet for **MC203839**

### **Hoxd10 (NM\_013554) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Hoxd10 (NM_013554) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hoxd10
Synonyms:	AI385591; AI874987; Hox-4.5; Hox-5.3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC013463  
 CCGACGCGTGGGTGACCCACGCGTCCGCCACGCGTCCGCCTCCCAAAATGTCCTTTCCCAACAGCTC  
 TCCTGCTGCTAATACTTTTTTAGTAGATTCTTGTATCAGTGCCTGCAGGAGTGACAGTTTTTATTCGAGC  
 AGCGCCAGCATGTACATGCCACCACCTAGCGCAGACATGGGGACCTATGGAATGCAAACCTGTGGACTGC  
 TCCCGTCTTTGGCCAAAAGAGAAGTGAACCACCAAAATATGGGTATGAATGTACATCCTTATATACCTCA  
 AGTAGACAGTTGGACAGACCCGAACAGATCTTGTGCAATAGAGCAACCTGTTACACAGCAAGTCCCCTCA  
 TGCTCATTCAACCGCCAAACATTAAGAAGAATCCAATTGCTGCATGATTCTGATAAGCGCAACAACTCA  
 TTTCTGCCGAGGTCCCTTCGTACACAGAGGCTGGTCCCGAGTCTTGTCTGTTGAGAACCCCGAGGTTCC  
 TGTCCTGGATATTTAGACTGAGTCAGACCTACGCCACCGGAAAACCAAGAGTACAATAACAGCCCC  
 GAAGGCAGCTCCACTGTCATGCTCCAGCTCAACCCTCGTGGCGCGGCAAGCCGAGCTCTCGGCTGCC  
 AGCTGCAGATGGAAGAAGATGAACGAAAGCGGAGCGGCCAGGAGCCACTAAAGTCTCCCAAGTGGA  
 GAGCCCGAGGCCAAAGGCGGCTTCCAGAAGACAGGAGCTGCCTGGCTGAGGTTCCGTGTCCAGTCCC  
 GAAGTGCAGGAGAAGGAAAGCAAAGAGGAAATCAAGTCTGATACTCCAACCAGCAATTGGCTCACTGCAA  
 AGAGTGGCAGAAAGAAGAGGTGCCCTTACACCAAGCACCAACCGTGAATTGAAAAAGAGTTCTTGTT  
 CAATATGTACCTACCCGCGAGCGCCCTAGAGATCAGTAAGAGCGTTAACCTCACCGACAGGCAGGTC  
 AAGATTTGGTTTTCAAACCGCGAATGAACTCAAGAAGATGAGCCGAGAGAATCGAATCCGAGAAGTGA  
 CCGCAACCTCACCTTTCTTAGGTCTGAGGCCATGTGAGGCCAGGATCCGAGAGGGGGACCGAGTTC  
 CAGGCCTGAGTGTGGAGGACTGGCAAGGCGGAAAACAAACCTTCATTGCTCTTTGGTTTTTTGTTTTG  
 TTTTGTCTGTTCTGTTCTGTTTTCTGCTAGAATGTGACTTTGGGGTCACTTCTGTTCTGTGCTGCAAGTG  
 ATCTGTAATCCCTATGAGTATACATATATATATATATATATAAAAAAACTTAGCACGTGAATTTATTTTTT  
 TTCATCGTAATGCAGGTAACCTATTACTGCGCATTTTCATTTGGGTCTTAACTTATTGAACTGTAGAAC  
 ATCCATCTAAACGTATCCATCGCATCCCACCTCTATCCCGCCAGCAATGTGACTTTCCATGTTTTTC  
 CTAACATAAAAAGTTCTCTGTGTGGTTAGCCCATGAACCTCATGGCATTTTGAAAAACATCCAGATTTTAA  
 AAAAAACAACCACTATATCTATATATATTTCAAAGATTAAGAAAACCCACAAGCTTTGGGGGGAGGGG  
 GACTTTAAAAAGCACATTACAATGTATCTTTTCAAAATGAACCTTAGCAATTGTCCTTGGTGAAATGGAA  
 TATTGATGACTTATGCCTTGTAGCCTTTCTTGTGGTGCATCTGTGGTTGGTAGAAGTACAAGCGCAAC  
 CTGTGCTTTTCTGTGCATGTTCTGGTCGCATGTGTAATGCAATAAACTCTGGAAATGGGAAAAAAAAAAAA  
 AA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_013554

**Insert Size:** 1023 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).

**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:**

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:** [BC013463](#), [AAH13463](#)

RefSeq Size: 1865 bp

RefSeq ORF: 1023 bp

Locus ID: 15430

UniProt ID: [P28359](#)

Cytogenetics: 2 44.13 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]