

Product datasheet for **MC208701**

Hoxd8 (NM_008276) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hoxd8 (NM_008276) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hoxd8
Synonyms: 4921540P06Rik; AI047735; Hox-4.3; Hox-5.4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC208701 representing NM_008276
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCTCGTACTTCGTGAACCCGCTGTACTCCAAGTACAAGGCGGCGCCGCGGCGGGCGGGCTG
 CGGCGGCCGCGGGCGAGGCCATCAATCCCCTTACTACGACTGTATTTTGCACCCGAGGTACGCGG
 CCGCCACGCCGCCCTGCAGCTCTATGGCAACAGCGCCGCGGCTTCCCGCACGCGCACCCGACCCG
 CACCCGCACCCGTCGCCCGCCCGGGTGCGGCGAGGGGCGGCCGGGGCCCGCCAGGACTACTTCC
 ACGCCGCGCGGGCAGCCGACCGCTGCCTACCAGGCCGCCACCTCCTCCGCACCTCCGCCTCCGCC
 GCCGCTCCCCCTGCGCGGGATTGCCTGTACGGGGAGCCCGGAAGTTTTACGGATACGATAACTTA
 CAGAGACAGCCGATTTTTACGACCCAGCAAGAGCCGAGCTGGTACAATATCCTGACTGTAATCGTCCA
 GTGGTAATATTGGCGAGGACCCAGACCACTAAATCAGAGCTCGTCTCCTTCTCAAATGTTTCCCTGGAT
 GAGACCACAAGCAGCTCCTGGTAGACGGAGAGGAAGACAAACCTACAGTCGCTTCCAAACCTAGAGTTG
 GAAAAGGAATTCCTTTTAAACCTTATCTGACCAGGAAGAGAGAATCGAGGTCTCCATACTCTGGCCC
 TCACGGAGAGACAGGTAAAAATCTGGTTCAGAACAGGAGAATGAAATGGAAAAAGGAGAACAACAAGA
 CAAGTTTCCTGCGTCCCGGCCGAGGCAAAGGATGGAGACCCAAAAAGGAAGTCTCGGGCTGGAAGAA
 GACGGAGCTGAAGGCTGCCCCACAAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_008276
Insert Size: 870 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_008276.3 , NP_032302.2
RefSeq Size:	2055 bp
RefSeq ORF:	870 bp
Locus ID:	15437
UniProt ID:	P23463
Cytogenetics:	2 44.13 cM
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>