

## Product datasheet for **RN205022**

### Hoxd10 (NM\_001107094) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hoxd10 (NM_001107094) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hoxd10
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN205022 representing NM_001107094 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCCTTTCCCAACAGCTCTCCTGCTGCTAATACTTTTTAGTAGATTCCTTGATCAGTGCCTGCAGGA  
GTGACAGTTTTTATTCGAGCAGCGCCAGCATGTACATGCCACCACCTAGCGCAGACATGGGACCTATGG  
AATGCAAACCTGTGGACTGCTCCCGTCTCTGGCCAAAAGAGAAGTGAACCACAAAATATGGGTATGAAT  
GTACATCCTTATATACCTCAAGTAGACAGTTGGACAGACCCGAACAGATCTTGTCGAATAGAGCAACCTG  
TTACACAGCAAGTCCCCACTTGCTCATTACCGCCAACATTAAGAAGAATCCAATTGCTGCATGTATTC  
TGATAAGCGCAACAACTCATTCTGCCGAGGTCCTTCCGTACCAGAGGCTGGTCCCCGAGTCTTGCTCCT  
GTTGAGAACCCCGAGGTTCTGTCCCTGGATATTTAGACTGAGTCAGACCTACGCCACCGGAAAACCC  
AAGAGTACAATAACAACCCGAAGGCAGCTCCACTGTCTGCTCCAGCTCAACCCCTGTGGCGGGCCAA  
GCCGCAGTCTCGGCTGCCAGCTGCAGATGGAAAAGAAGATGAACGAAACCGCGAGCGGCCAGGAGCCC  
ACTAAAGTCTCCAAGTGGAGAGCCCCGAGGCCAAAGGCGGCCTCCAGAAGAGAGGAGCTGCCTGGCTG  
AGGTCTCCGTGTCCAGCCCCGAAGTGCAGGAGAAGGAAAGCAAAGAGGAAATCAAGTCTGATACTCCAAC  
CAGCAATTGGCTCACTGCAAAGAGTGGCAGAAAAGAAGAGGTGCCCTTACCTAAACACCAACGCTGGAA  
TTAGAAAAAGAGTTCTTGTTCAATATGTACCTACCCGCGAGCGCCGCTAGAGATCAGTAAAGAGCGTTA  
ACCTCACCGACAGGCAGGTCAAGATTTGGTTTCAAACCGCCGAATGAACTCAAGAAGATGAGCCGAGA  
GAATCGAATCCGAGAAGTACCGCCAACCTCACCTTTCT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001107094
Insert Size:	1023 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001107094.1</a></u> , <u><a href="#">NP_001100564.1</a></u>
<b>RefSeq Size:</b>	1848 bp
<b>RefSeq ORF:</b>	1023 bp
<b>Locus ID:</b>	303991
<b>Cytogenetics:</b>	3q23