

Product datasheet for RN216426

Hoxd9 (NM_001173469) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hoxd9 (NM_001173469) Rat Untagged Clone
Tag: Tag Free
Symbol: Hoxd9
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216426 representing NM_001173469
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGTCGTCAGTGGCACCCCTCAGCAACTACTACGTGGACTCGCTCATAGGCCATGAGGGCGACGAGGTGT
 TCGCCGCGCGCTTTGGCCACCGGGCCGGGACACAGGGTCGGCCCGCAGGTGTGGCCGATGGCCCGGC
 CGCCGCGCCGAGTTCGCCTCGTGTAGTTTGGCCCAAATCGTCCGTGTCTCCGCCTCGTGGTCCGCG
 GTGGCCGCCAGCCCCGGCGGGCGGACGATGAGCGGCCTGTACCACCGTACGTGTCCCGCCGCCCC
 TGGCCGCGCCGAGCCGGCCGCTACGTACGCTCCTGGATGGAGCCGCTGCCCGGCTTCCCGGGCGGCGC
 GGGCGGTGGCGGTGGCAGTGGTGGCGGGTGGCGGAGGTAGCGGAGGCCGGTCCCGTCCAGCCCC
 GGCGGTCCAGCAACGGGCGCCACTACGGGATTAAGCCTGAAACCGGAGCAGCCCCGCCCCCTCTGCAG
 CCTCCACTTCTCCTCCACTCCTCGTCTCCTCCTCAAAGGACTGAGTGCTCCGCGGCCCGGAGTC
 CCAGGGGAGCGGGCCAGAAATCCCGTGAACCTCGTTCCTGCGGGACAAGGCGGACGGCGGGCGGCG
 GCGGCGGAGGAAACGGGCCCGGGTGGGAATCGGGACCGGGCTGGGACGGGAGGCTCGTCCGAGCCCT
 CAGCTTGCAGCGATACCCGAGCCGGGCTGCCGCTGAAGGAGGAGGAGAAGCAGCCGCCGAGCCGCC
 GCAGCAGCAACTTGACCCAAACAACCTGCAGCGAACTGGATCCACGCTCGCTCCACCCGAAAAAGCGC
 TGTCCTACACCAATACAGACGCTAGAGCTGGAGAAGGAATTCCTCTTCAACATGTACCTCACCCGGG
 ACCGGCGTACGAGGTGGCCAGGATTCTGAACCTTACAGAGAGACAAGTCAAATCTGGTTCCAGAACC
 TAGGATGAAAAAGAAAAGATGAGCAAGGAGAAATGTCTAAAGGAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001173469
Insert Size: 1032 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).
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_001173469.1, NP_001166940.1</u>
RefSeq Size:	1850 bp
RefSeq ORF:	1032 bp
Locus ID:	688999
UniProt ID:	<u>B5DFK3</u>
Cytogenetics:	3q23
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]