

Product datasheet for **RR216426**

Hoxd9 (NM_001173469) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hoxd9 (NM_001173469) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Hoxd9
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR216426 representing NM_001173469
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGTCGTCAGTGGCACCCCTCAGCAACTACTACGTGGACTCGCTCATAGGCCATGAGGGCGACGAGGTGT
TCGCCGCGCGCTTTGGCCACCGGGCGGGGACACAGGGTCGGCCCGCAGGTGTGGCCGATGGCCCGGC
CGCCCGCCGAGTTCGCTCGTGTAGTTTGGCCCAAATCGTCCGTGTTCTCCGCTCGTGGTCCGCG
GTGGCCGCCCAGCCCCGGCGGGCGGACGATGAGCGGCCTGTACCACCGTACGTGTCCCGCCGCCCC
TGGCCGCGCCGAGCCGGCCGCTACGTACGCTCCTGGATGGAGCCGCTGCCCGGCTTCCCGGGCGCGC
GGCGGTGGCGGTGGCAGTGGTGGCGGGTGGCGGAGGTAGCGGAGGCCGGTCCCGTCCAGCCCC
GGCGGTCCAGCCAACGGGCGCCACTACGGGATTAAGCCTGAAACCGGAGCAGCCCCGGCCCCCTCTGCAG
CCTCCACTTCTCCTCCACTCCTCGTCTCCTCCTCAAAGGACTGAGTGCTCCGCGGCCGCGAGTC
CCAGGGGAGCGGGCCAGAAATCCCGTGCAACTCGTTCCTGCGGGACAAGGCGGACGGCGGGCGGCG
GCGGGCGGAGGAAACGGGCCCGGGTGGGAATCGGGACCGGGCTGGGACGGGAGGCTCGTCCGAGCCCT
CAGCTTGACGATCACCCGAGCCGGGCTGCCGCTGAAGGAGGAGGAGAAGCAGCCGCCGAGCCGCC
GCAGCAGCAACTTGACCCAAACAACCTGCAGCGAACTGGATCCACGCTCGCTCCACCCGAAAAAGCGC
TGTCCTACACCAATACCAGACGCTAGAGCTGGAGAAGGAATTCCTCTCAACATGTACCTCACCCGGG
ACCGGGCTACGAGGTGGCCAGGATTCTGAACCTTACAGAGAGACAAGTCAAATCTGGTTCCAGAACC
TAGGATGAAAAATGAAAAAGATGAGCAAGGAGAAATGTCTAAAGGAGAC

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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ORF Size:	1029 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001173469.1 , NP_001166940.1
RefSeq Size:	1850 bp
RefSeq ORF:	1032 bp
Locus ID:	688999
UniProt ID:	B5DFK3
Cytogenetics:	3q23
MW:	35.2 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]