

Product datasheet for SC327803

HOXD9 (NM_014213) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HOXD9 (NM_014213) Human Untagged Clone
Tag:	Tag Free
Symbol:	HOXD9
Synonyms:	Hox-4.3; Hox-5.2; HOX4; HOX4C
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>NCBI ORF sequence for NM_014213, the custom clone sequence may differ by one or more nucleotides</p> <pre> ATGTTGGGTGGGAGTGCGGGACGCCTCAAATGTCTTCCAGTGGCACCCTCAGCAACTAC TACGTGGACTCGCTTATAGGCCATGAGGGCGACGAGGTGTTTCGCGCGCGCTTCGGGCCG CCGGGGCCAGGCGCGCAGGGCCGCGCTGCAGGTGTGGCTGATGGCCCGGCCGCCACCGCC GCCGAGTTCGCCTCGTGTAGTTTTGCCCCAGATCGGCCGTGTTCTCGCCTCGTGGTCC GCGGTGCCCTCCAGCCCCCGCAGCGGCGGCGATGAGCGGCCTCTACCACCCGTACGTT CCCCCGCCGCCCTGGCCGCTCTGCCTCCGAGCCCGGCCGTACGTGCGCTCCTGGATG GAGCCGCTGCCCGGCTTCCCGGGCGGTGCGGGCGGTGGCGGTGGTGGAGGCGGCGGT CCGGGCCGCGGTCCAGCCCTGGCCCCAGCGGCCAGCCAACGGGCGCCACTACGGGATT AAGCCTGAAACCGAGCGGCCCCGGCCCCGCCACGGCCGCTCCACCACCTCCTCCTCC TCCACTTCCTTATCCTCCTCCTCAAACGACTGAGTGCTCCGTGGCCCGGGAGTCCAG GGGAGCAGCGGCCCGAGTTCTCGTGCAACTCGTTCCTGCAGGAGAAGGCGGCAGCGGCG ACGGGGGGAACCGGGCTGGGGCAGGGATCGGGGCCGCGACTGGGACGGGCGGCTCGTCG GAGCCCTCAGCTTGCAGCGACACCCGATCCCAGGCTGTTTCGCTGAAGGAGGAGGAGAAG CAGCATTCGACGCCGAGCAGCACTTGACCCAAACAACCCCGCCGGAAGTGGATC CACGCTCGCTCCACCGGAAAAAGCGCTGTCCCTACACCAATACCAGACGCTTGAGCTG GAGAAAGAATTCTCTTCAACATGTACCTACCCGGGACCGGCGCTACGAGGTGGCCAGG ATTCTCAACCTAACAGAGAGACAGGTCAAATCTGTTTCAGAACCGTAGGATGAAAATG AAAAAGATGAGCAAGGAGAAATGCCCAAGGAGAC </pre>
Restriction Sites:	Please inquire
ACCN:	NM_014213
Insert Size:	1902 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_014213.3</u> , <u>NP_055028.3</u>
RefSeq Size:	1902 bp
RefSeq ORF:	1902 bp
Locus ID:	3235
UniProt ID:	<u>P28356</u>
Cytogenetics:	2q31.1
Protein Families:	Transcription Factors
Gene Summary:	This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXD genes located at 2q31-2q37 chromosome regions. Deletions that removed the entire HOXD gene cluster or 5' end of this cluster have been associated with severe limb and genital abnormalities. The exact role of this gene has not been determined. [provided by RefSeq, Jul 2008]