

Product datasheet for **SC210391**

HOXD3 (NM_006898) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	HOXD3
Synonyms:	Hox-4.l; HOXD; HOX4; HOX4A
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_006898
Insert Size:	854 bp

Insert Sequence: >SC210391 3'UTR clone of NM_006898
The sequence shown below is from the reference sequence of NM_006898. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CCGGAGGCTCCCAAACCTGACGCATCTGTAGCGGCCGCCAGCCGAACTCGCGGCAAAATTACCTCT
CTTGCTGTAGTGGTGGGTAGAGGGTGGGGCCCGGGGCGAGTTCGGGAACCCCTTCCCGCTCTTGC
CCTGCCGCCGCTCCCGGTCTCAGGCCTCCAGCGCGGAGGCGCAGGCGACCGGGCCTCCCTCCATG
GGCGTCCTTTGGGTGACTCGCCATAAATCAGCCGCAAGGATCCTTCCCTGTAAATTTGACAGTGCCACA
TACTGCGGACCAAGGGACTCCAATCTGGTAATGGTGTCCCAAAGGTAAGTCTGAGACCCATCAGCGGCG
CGCCCTGCAGAGGACCAGAGCTTGGAGAGTCTGGGCCTGGCCCGCTAGCTTAGTTTCAGAGACC
TTAATTTATATTCTCTTCTGTGCCGTAAAGATTGCATCGGACTAACTATCTGTATTTATTATTGA
AGCGAGTCATTTCTTCCCTGATTATTTATCCTTGTCTGAATGTATTTATGTGTATTTGTAGATTTA
TCCAGCCGAGCTTAGGAATTCGCTTCCAGGCCGTGGGGGCCACATTTACCTCCTTAGTCCCGCTGGTC
TGAAGTAGTTGAGAGAGTAGTTTGAACAGTCGTAACCGTGGCTGGTGTGTGTAGTTGACATAAAGGAT
TAAGACCGCAAATTGTCTTTCATGGGTAGAGTCAGGAAGCCCGTGGCGTGGCACAACACTTTGGTC
ATTTCTCAAAACACAGTCCTCACCACAGTTTATTGATTTCAAATTTGTCTGGTACTATTGGAACAAAT
ATTTAGAATAAAAAAATTTCCAGTC
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: SgfI-MluI



OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_006898.5</u>
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 protein encoded by this gene may play a role in the regulation of cell adhesion processes. [provided by RefSeq, Jul 2008]
Locus ID:	3232
MW:	31.3