

Product datasheet for SC205232

HOXD8 (NM_019558) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HOXD8 (NM_019558) Human 3' UTR Clone
Symbol:	HOXD8
Synonyms:	HOX4; HOX4E; HOX5.4
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_019558
Insert Size:	1113 bp
Insert Sequence:	>SC205232 3'UTR clone of NM_019558 The sequence shown below is from the reference sequence of NM_019558. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCCGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
GAAGACAGAGCCGAAGGCCTGACAAATTAACTTCTACCTTTAAAAATTTACCACAGACTATTTAACTAA
TAATCACCATATGCTGTGGACACCACCTATTTCTTTGTTGGAAGGACCTTACCTGTGTTCAAGCTA
CCTTCATGTCACTGCTCTTGAGGTTTTCTGTGCTTTGAGAGGGATTGGGTGTTAAAAAGTTTCTAG
TATCAGATAGAAGCTGCTCTTGAGCTGCTCTATGGAAGGGTAATTTGATACTGACCTTGTAGCTATATT
TTTATAATGGTTTTTAATGTCTGAGCTAGTGATTGCCTCAACAACGTAACTTCCTAATGATTAGCAC
TTAATAATTGCATATAAAATGCTTTATTAATTAACAAGTGCACTTGAACATTTTAATATTTGTGGTGA
GTAAATTTAAAGGAGTTTATTAATTAATAAAAAAATTATGTCTGCAGAATACTTTATATTATTTGATTACA
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AAAAGGTTTCTTTGCGTATTTTCTAAATGTAATATCTCGGGGAAAATATTAGAAAAGCACGTATTAGCT
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GAATTTAAAGACAATGTCCAAGTTGACAATTATTTTCTATAGTCCATACAAATTAATAATCTGGCAA
CTCTGGCAAATCGCCTTGTAATGCGTCTCATTTTTTAACTTGCTTTTCGTTTTGAACCGCCCTTGTA
TCGCTGAAATCGCTAGTTCTTTATGCGGTGGCTGCCGCTGTGTTCCGTTATTTTCAGTAGGTGTCATA
TTTATTTGTATTGCCTTTGTTCTGTTTCGCCGCTGGTTTTAAACCAGCTTGCTGTGTGCATCTCAGACGT
CGGTTGGTACGTCTCCGCTGTTCTTCAGGAAAGCGATAGCCTCACCTATTTGAAACAAGCCCTGAGAG
GAAACGCAGAAAAACCTGAGTGTAACAACCTCCGAATGTCGCTAGCTCCTTAGTAAATAAATGAATCT
CTTTCTGGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites:	Sgfl-Mlul
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.
RefSeq:	<u>NM_019558.4</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 in a cluster on chromosome 2. Deletions that remove the entire HOXD gene cluster or the 5' end of this cluster have been associated with severe limb and genital abnormalities. In addition to effects during embryogenesis, this particular gene may also play a role in adult urogenital tract function. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Dec 2010]
Locus ID:	3234
MW:	42.8