

Product datasheet for SC209249

HOXD10 (NM 002148) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: HOXD10 (NM_002148) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: HOXD10

Synonyms: Hox-4.4; HOX4; HOX4D; HOX4E

ACCN: NM_002148

Insert Size: 736 bp

Insert Sequence: >SC209249 3'UTR clone of NM_002148

The sequence shown below is from the reference sequence of NM_002148. The complete

sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG

TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC

GTGCATGTTCTGGTCGCATGTATAATGCAATAAACTCTGGAAATGA

ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA

CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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).



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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 002148.4</u>

Summary: This gene is a member of the Abd-B homeobox family and encodes a protein with a

homeobox DNA-binding domain. It is included in a cluster of homeobox D genes located on chromosome 2. The encoded nuclear protein functions as a sequence-specific transcription factor that is expressed in the developing limb buds and is involved in differentiation and limb development. Mutations in this gene have been associated with Wilm's tumor and congenital vertical talus (also known as "rocker-bottom foot" deformity or congenital convex pes valgus) and/or a foot deformity resembling that seen in Charcot-Marie-Tooth disease.

[provided by RefSeq, Jul 2008]

Locus ID: 3236 MW: 28