

Product datasheet for **SC203602**

HOXD4 (NM_014621) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: HOXD4 (NM_014621) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: HOXD4
Synonyms: HHO.C13; Hox-4.2; HOX-5.1; HOX4; HOX4B
ACCN: NM_014621
Insert Size: 314 bp
Insert Sequence: >SC203602 3'UTR clone of NM_014621
The sequence shown below is from the reference sequence of NM_014621. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GACCACCACACGGACCTGACGACCTTAGAAGTGGGGACCCCTGGGCCATCTCTCCCTGCGCACCAGG
CTGAGCCGAAGCTGCGGGGGCAGGCCGGCCCTGCTGTACCTCGCTGGGCTCTAAGGTAAGTGTGGGGTG
GACCTGGGACAAGCAGGCCGCCCTCGGACTAGGTTAGCATCCTGCCCGAGGGCAGCCCCCTCCCTAGAG
CGGGATGGGGATGGGAGGGGGGGCGGGATTCTCTCTAAGTATATTATATGGCAGGAGCTACTGAGAA
CATAAAATCTTGGCGAGTCATTAACCTTATGAAAATCA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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: [NM_014621.3](#)



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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 determining positional values in developing limb buds. Alternatively spliced variants have been described but their full length nature has not been determined. [provided by RefSeq, Jul 2008]

Locus ID:

3233

MW:

11.5