

Product datasheet for **SC214773**

HOXB3 (NM_002146) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HOXB3 (NM_002146) Human 3' UTR Clone
Symbol:	HOXB3
Synonyms:	Hox-2.7; HOX2; HOX2G
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002146
Insert Size:	1503 bp



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Insert Sequence: >SC214773 3'UTR clone of NM_002146
 The sequence shown below is from the reference sequence of NM_002146. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAAGAAGCGCCCAAATTAACACACCTGTGATGGGAAAGGGCGAACGAGGATTAGGGGATGGGGAGGAAG
AGAGAGACTGTGGAGCTCTGGGGGCAACCTGGAGGTCTGAAAAGAGGAGCCAGAGAAGGTGGTACCCA
GGCTTCCTGGTCAGAACCAGGCTGGAGCTCCTTCCCTTCCCCTGGCCTGAGAGGTTGCTTTAAGTCT
TCCACCCCTTGTCCATCTGCCTGCCAACCCATCGGAAAGGAATCCACATCATATTGGAGATGACCCCA
TCAACCCAGGGCTCCAGCACTACCAAGTTGGAATTCACGCCCGGAGTGGGTAGAGGAAGACGAGA
CAGGACGAGGCAGAAAAGCACATTTTAAAAACCAGACAAGATGGCTAGGCCATCACCAACCAACGGACT
TACCTTACATCTTGTAGGTAATCCCCCAAATCTTGATTTTTTTTTTCTCAATTATCTTTAAAA
AATAAGAAAACACATTTCAAACCCAAAAGGCACAAAACACGTTCCCTTCCAATTTCCAAAACCTCAA
ATTTGTTCCCATTTGAGGTTTATTGAGGTACACTTCTAGCCCCGGTTTTTCTGCCTAGAACATTCAT
ATCTATACATCCCACCCCATCAATTACAGTTTTTAGAGGGCTCAGGGATGGTGAGAGATCCTGAAAGA
GCTGCCTATATTATAAATATATACATTTTTTTTAAAGGAAAAGTGTGGAGGCTAGGGCAGGCAGGTTG
TTAGGACTGAAGGTTTGGCCATTCTGCTGCCTCCATCTCAGCTCCAGCTCCATCCCCTCTCCACAGAA
AGCAGTTGGTGACACGAGGTTCTATACTTTTCTTCTGTTGCTCTTCTGACTTAACGTGAAAAACAGGGTA
TATTTGAACAACTGTCCAGGCAGGGGCTGGGCAGGGCTGTGTGCCTGCTCAGCCTCCTGACAGGA
CACTTTTGTGCACCTTAGAATTTACATTTAATGGATGTAACAACACTGTGAGAGATGTCTGGGCCTG
CAGAAGTCCAGCATTGCTCAAAAAGCGTGTGTTCTAGTGAACATTTTCATATATATTTATTGGTTATA
GCCTGTTAAAATATTTTCTTTTTTGTATTTTATCCCTACATTATGATTTTATATGAGGGAAAAAAA
AGGAAAAAATGTACTTTTTTAGTATTTACCTGTTACAAAAGGACATTGTGTTTCTGTGATGTAACC
AGCTATTTTAGTTACTATTGACTCTAGAAAAGAGCTGTAGATTTATGTTAAACTCGTACTTACGAACA
ATTGTAATTAGTTCTAAAAGGCATGAACTCAGCTCCTAATCGTCACTGTATAGTCTGAATTTGTAGAA
CTAGAGTTAATCCCTCTTGGAACTTTCTTTGTTCTTTCAGTAGTACTTTTTTCTTACCTAAAAGGGT
TGTCTGCAACAATTCTGAATAAACTTTCTGTTATCAATTTTAAAAA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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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.

RefSeq: [NM_002146.4](#)

Summary: This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML). [provided by RefSeq, Jul 2008]

Locus ID: 3213

MW: 57.8