

Product datasheet for **SC125818**

HOXC9 (NM_006897) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: HOXC9 (NM_006897) Human Untagged Clone
Tag: Tag Free
Symbol: HOXC9
Synonyms: HOX3; HOX3B
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_006897 edited
 GTTCTGTGAGCAGATAAAAAAGTACATATACAGTTCATACAATAATCTTATGTATGTA
 AAAAA CCCCCTTACGATGTCGGCGACGGGGCCCATCAGTAACTATTACGTGGACTCGCTCATCTC
 TCACGACAATGAAGACCTCCTAGCGTCCAGGTTTCCGGCCACCGGGGCTCATCCCGCCGC
 CGCCAGACCCAGCGGTTTGGTGCCGACTGTAGCGATTTTCCGTCCTGTAGCTTCGCGCC
 CAAGCCGGCAGTGTTCAGCACGTCGTGGGCGCCCGTGCCTCTCAGTCGTCCGTGGTATA
 TCACCCGTACGGCCCCAGCCCCACCTCGGCGCCGACACGCGCTACATGCGGACTTGGCT
 CGAGCCGCTGTCCGGCGCCGTCTCCTTCCCAGCTTCCCGCCGGGGGCCGTCACTACGC
 CCTCAAGCCGGACGCTACCCCGGGCGCCGCGGACTGCGGCCAGGGGAGGGCCGAG
 CTACCCGGACTACATGTACGGCTCGCCCGGGAGCTGCGCGACCCGCCCCGAGACT
 GCCCTCGCCCCGAGCGGACGCGCTCGCCGCGCAGCAAGCACAAAGAGGAGAAGGCTGACCT
 GGACCCAGCAACCCCGTGGCCAACTGGATTACGCCCCGCTCCACGAGGAAGAAGCGCTG
 CCCTACACCAAGTACCAGACGCTGGAAGTGGAGAAGGAGTTTCTTCAATATGATTTT
 AACCAGGGACCGTCGGTATGAGGTGGCCCGGGTTCTCAATCTCACCGAGCGGCAGGTCAA
 AATCTGGTTTCAGAAATCGAAGGATGAAGATGAAAAAGATGAATAAAGAGAAAAACGACAA
 GGAGCAGTCCTAAACCCTACCCAGCCTGCTGCCTCAGCACAGCCAAGGGAAAAACAAAA
 CCCCACAAAATACCCCAACACAGGCGGGGAGAGACGAAAAAGAAAAGAAAAGAGCAAGA
 TAGACAAAAGCCAATCAGCTTAAAAAGAAAAACAAGGAAGGGGAAAAGAAAAGAACTTTGCG
 ATTTGGGAGGGTTCAGTGTGAGATATTGGTGTGTTTAGAGTTAGTTCTACCCAGCGAGGA
 GGAGCCGGGAGAGAAACTGCGTTCTTCCCGAGCGCAACCGAAATAAATGACACATA
 CAAATGTGATTTTTTCTCCTTTCTTCCAGAGAAGCCAGTACTTGAATCGCTATATTTCT
 ATTTTTTTTTCCCTGTATCGTATTTGGTCCAGGTATCCCTCCCGGGCCTGGGGCGCTC
 TGCGTGCAGATTTGTACAAAAAAGACACACACATACATGATAATGATTCCC
 AGCCAGGAGCTGAGGGGTGAGGGCTGGGGACCATGCCGCGGGCTGGGTGCGGCCGTGC
 AGGCCGGCGCCTTGGGCTGTACATAGTGTCCCTCTCATCCCCAGGGTTCGTCGCCAGCG
 TCCGTCCTGTAACTGCTTCTGTTTGTATGGTAGAACAGCCCTGTGTTAATATATTGAA
 GTCACTTAACCAGAAAAA



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_006897 unedited TTACTANAGGGNCGGACCCGNAATTCAGAANCTNNGGTACCGGTCCGGTAATTCCTCCGGG ATATCGTCGACCCACGCGTCCGGTTCTGTGAGCAGATAAAAAGTACATATACAGTTCATA CAATAATCTTATGTATGTAAAACCCCGTTACGATGTCGGCGACGGGGCCCATCAGTAACT ATTACGTGGACTCGTCTATCTCTACGACAATGAAGACCTCCTAGCGTCCAGGTTTCCGG CCACCGGGGCTCATCCC GCCGCCAGACCCAGCGGTTTGGTGCCGGACTGTAGCGATT TTCCGCTGTAGCTTCGCGCCCAAGCCGGCAGTGTTCAGCACGTCGTGGGCGCCCGTGC CCTCTCAGTCGTCCGTGGTATATCACCCGTACGGCCCCAGCCCCACCTCGGCGCCGACA CGCGCTACATGCGGACTTGGCTCGAGCCGTGTCCGGCGCCGTCTCTTCCCCAGCTTCC CGGCCGGGGGCCGTCACACTACGCCCTCAAGCCGGACGCCTACCCGGGGCGCCGCGGGACT GCGGCCAGGGGAGGGCCGACGTACCCGGACTACATGTACGGCTCGCCCGGGGAGCTGC GCGACCGGCCCGCAGACACTGCCCTCGCCCGAGGGCGGACGCGCTCGCCGGCAGCAAGC ACAAAGAGGAGAAGGCTGACCTGGACCCAGCAACCCCGTGGCCAAGTGGATTACGCCC GCTCCACGAGGAAGAAGCGCTGCCCTACACCAAGTACCAGACGCTGGAAGTGGAGAAGG AGTTTCTCTTCATATGTATTAACAGGGACCGTCCGGATGAGGGGCCCGTTCTAATCTCA CGAGCGCCAGTCAAATCTGTTTCAGATCGAAGATGAGAGC
Restriction Sites:	Please inquire
ACCN:	NM_006897
Insert Size:	1800 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_006897.1 , NP_008828.1
RefSeq Size:	1640 bp
RefSeq ORF:	783 bp
Locus ID:	3225
UniProt ID:	P31274
Cytogenetics:	12q13.13
Protein Families:	Transcription Factors

Gene 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, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. [provided by RefSeq, Jul 2008]