

Product datasheet for **SC322774**

HOXC13 (NM_017410) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HOXC13 (NM_017410) Human Untagged Clone
Tag:	Tag Free
Symbol:	HOXC13
Synonyms:	ECTD9; HOX3; HOX3G
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322774
 GGGAGGGGAAACAGGAGCGAGGTGTCTCCCTAGCTCGCTGCCTCTGGCAAGTGGAGTTTT
 TAAAAAGCTCCAGCAGATCATGTATGACGACTTCGCTGCTCCTGCATCCACGCTGGCCG
 GAGAGCCTTATGTACGTCTATGAGGACAGCGGGCGGAGAGCGGCATCGGCGGGCGGCG
 GGAGGAGGAGGCGGCGCACGGGCGGAGCGGGGGTGGCTGCAGCGGAGCGAGCCCCGGC
 AAAGCCCCGAGCATGGATGGTCTGGGCAGCAGCTGCCCCGCCAGCCACTGCCGCGACCTG
 CTTCCGCACCCCCGTCTGGGCCCGCCCGCTCCCCTGGGCGCCCTCAGGGCGCCGTC
 TATACGGACATCCCGCCCCGGAGGCGGCGCCAGTGTCCCCCGCCCGCACCCCC
 ACCTCGTCCAGCGCCACCTGGGCTACGGCTACCCCTTCGGGGGAGCTACTACGGCTGC
 CGCCTGTGACACAACGTGAACCTGCAGCAGAAGCCTTGCGCTACCACCCGGGCGATAAA
 TACCCGGAGCCGTCGGGCGCCCTGCCCGGTGACGACCTGTCTCTAGGGCCAAGGAGTTC
 GCCTTCTACCCAGCTTCGCCAGCTCCTACCAGGCGATGCCCGGTACCTGGACGTGTGCG
 GTGGTGCCCGGGATCAGCGGGCACCCGGAGCCGCGTACGACGCCCTCATCCCCGCGAA
 GGCTACCAGCACTGGGCTCTCTCAATGGCTGGGACAGTCAGGTGTACTGCTCCAAGGAG
 CAGTCGCAGTCCGCCACCTCTGGAAGTCTCCCTCCCAGACGTGTTCCCTGCAGCCC
 GAGGTGAGCAGCTACCGCGCGGGCGCAAGAAACGCGTGCCTACACTAAGGTGCAGCTG
 AAGGAGCTAGAGAAGGAATACGCGGCTAGCAAGTTCATACCAAAGAGAAGCGCCGGCGC
 ATCTCCGCCACCACGAACCTCTGTAGCGCCAGGTAACCATCTGGTTCAGAAACCGGCGG
 GTCAAAGAGAAGAAGGTGGTCAGCAAAATCGAAAGCGCCTCATCTCCACTCCACCTGACCA
 CCCACCCGATGCTTGCCCCATCTATTTATGTCTCCGCTTGTACCATAACCGAACCCACG
 GAAAGACGCTGCGCGGGTGCAGAAGAGTATTTAATGTTAAGGAAAAGAGAAGAACCGGCC
 GCCCGGAGGCAGAGAGGCTCCATGGCCGTGCTGCTGGGCCATCCCAACTCCCTATCCCA
 TCCCCAGCCTCCACCCCATCCAGATGGGACTCACGTGGCTTCAACAGCTTTGGAATGG
 GTCCCGAGTGGGCGGTGCGAGGAAGGCTGTGACCTCTACTCCTCTGCGCTCACCTTG
 CCAGAAAGTCTGGTGGCAGCGCAGAGCCCAATCATTCCAACAAAGCAGGGTTGGGGAAT
 CCCGAATGGCCCCAATTCTTGCCTCATCCTATGACCAGGCTTTTAGAGGACCTTCCCTAA
 GGGCGCAGCTTCGGAGCAGGATCTGTCCAGCTCATACTTTCCTTCGCTGTCCCTCCCGCA
 CTCCTTAGGCAAGATTTCCAGTAAAGATTTTCTGTGCGTATTTAAAAGTCGTGTTAAT
 ACTCATGATAATTATTAGGGACCTGGCAGCGTATTGGAGTATGGATGTTTCCGTAAGG
 CTGGAATTCGTAAGGACATTGACGAGCCCTACACTCCATCCCAACCAAGAACTGCA
 TTTCTGGGGCCAGGTGGGAGCTGCCTTTGCCCACTGCCTCCCCTGTTCTGCTCTCTCA
 GTCAACATGTGGAATCCAAGGAGGACAAAGACTCCAGCCACGCTGCTAAATAGGCTCC
 TCTCTCTCTCTCTCTCTAGGTGGTAAGGTTGGGGATTAGTCCAGGTACAGAAGCAGA
 ACTTTTTTCTAAGGATAAACATCTCTTCCAAGGGGATGGAGAGTGGGTCCTCAACAAAG
 TCCCTGTCCAGTCACCTTTCCATCAGGGCACTAGCCCAGGAATGACTCCTCACACTTTCA
 CCTTTACTGATTTCCAGAGGAAAGCTAGAGGATCTAGTTCAAGAGGCAAGAAGATCTGGC
 CCTCAATTAGCTAAATGTAGATGCTGCCTAACAGTTCCCTCCTCAAAGGCCACCTTGGTG
 CTGTGGGGGCCCTTGCCTCTCCCTTCCCACTGGTGCATTACAAAACAGTGTTCTTTTG
 AAATGTTTCATCAGGAATAGGCTTTTTTAAAAAATGTTGTGTATCTGTATATAGTATTGTG
 ATGCTGAATGACAATGACTGAATGCAAAAAGGAAAAAACCCACAAACATGTTTTTAA
 AATAAAATATCTTTTTTGCCTTGAAAAA

Restriction Sites: Please inquire

ACCN: NM_017410

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).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_017410.2 , NP_059106.2
RefSeq Size:	2435 bp
RefSeq ORF:	993 bp
Locus ID:	3229
UniProt ID:	P31276
Cytogenetics:	12q13.13
Domains:	homeobox
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, 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. The product of this gene may play a role in the development of hair, nail, and filiform papilla. [provided by RefSeq, Jul 2008]