

Product datasheet for **SC307527**

CHX10 (VSX2) (NM_182894) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CHX10 (VSX2) (NM_182894) Human Untagged Clone
Tag: Tag Free
Symbol: CHX10
Synonyms: CHX10; HOX10; MCOP2; MCOPCB3; RET1
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_182894 edited
ATGACGGGAAAAGCAGGGGAAGCGCTGAGCAAGCCCAAATCCGAGACAGTGGCCAAGAGT
ACCTCGGGGGCGCCCCGGCCAGGTGCACTGGGTTCCGGCATCCAGGAGATCCTGGGCTTG
AACAAAGGAGCCCCGAGCTCCCACCCGGGCAGCGCTCGACGGCCTGGCCCCGGGCAC
TTGCTGGCGGCGCGCTCAGTGCTCAGCCCCGGGGGTGGGCGGCATGGGGCTTCTGGGG
CCCCGGGGGCTCCTGGCTTCTACACGCAGCCACCTTCTGGAAGTGCTGTCCGACCCG
CAGAGCGTCCACTTGACGCCATTGGGCAGAGCATCGGGGCGCTGGACACCAGCCAGACG
GCCAGCTCGGATTCTGAAGATGTTTCTCCAGCGATCGAAAAATGTCCAAATCTGCTTTA
AACCAGACCAAGAAACGGAAGAAGCGGGACACAGGACAATCTTTACCTCCTACCAGCTA
GAGGAGCTGGAGAAGGCATTCAACGAAGCCCACTACCCAGACGTCTATGCCCGGGAGATG
CTGGCCATGAAAACGGAGCTGCCGGAAGACAGGATACAGGTCTGGTTCCAGAACCCTCGA
GCCAAGTGGAGGAAGCGGAGAAAGTGTGGGGCCGGAGCAGTGTATGGCGGAGTATGGG
CTCTACGGGGCCATGGTGCAGGCACTCCATCCCCCTGCCCGAGTCCATCCTCAAGTCAGCC
AAGGATGGCATCATGGACTCCTGTGCCCGTGGCTACTGGGGATGCACAAAAAGTCGCTG
GAGGCAGCAGCCGAGTCCGGGAGGAAGCCCGAGGGGGAACGCCAGGCCCTGCCCAAGCTC
GACAAGATGGAGCAGGACGAGCGGGGCCCGACGCTCAGGCGGCCATCTCCAGGAGGAA
CTGAGGGAGAACAGCATTGCGGTGCTCCGGGCCAAAGCTCAGGAGCACAGCACCAAAAGTG
CTGGGGACTGTGTCTGGGCCGACAGCCTGGCCCCGAGTACCGAGAAGCCAGAGGAGGAG
GAGGCCATGGATGAAGACAGGCCCGGCGGAGAGGCTCAGTCCACCCGAGCTGGAGGACATG
GCTTAG

Restriction Sites: Please inquire
ACCN: NM_182894
Insert Size: 1100 bp



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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:	<u>NM_182894.1</u> , <u>NP_878314.1</u>
RefSeq Size:	3005 bp
RefSeq ORF:	1086 bp
Locus ID:	338917
UniProt ID:	<u>P58304</u>
Cytogenetics:	14q24.3
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes a homeobox protein originally described as a retina-specific transcription factor. Mutations in this gene are associated with microphthalmia, cataracts and iris abnormalities. [provided by RefSeq, Oct 2009]