

Product datasheet for SC317627

LHX6 (NM_014368) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LHX6 (NM_014368) Human Untagged Clone
Tag:	Tag Free
Symbol:	LHX6
Synonyms:	LHX6.1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_014368 edited
 ATGTA CTGGAAGCATGAGAACGCCGCCCGCGTTCGCCGAGGGCTGCCGCTGCCGGCC
 GAGGGCGGCCCGCCACCGACCAGGTGATGGCCAGCCAGGGTCCGGCTGCAAAGCGACC
 ACCCGCTGTCTTGAAGGACCGCGCCGCCATGGCTCAGTCTGACCGCGAGGCCCTG
 GCAGGAGCTCTGGACAAGGACGAGGGTCAAGGCCTCCCATGTACGCCAGCACGCCATCT
 GTCTGCTCACCGCCTCTGCCGCTCCTCGTGCCGTCTGCAGGCAAGAACATCTGCTCC
 AGCTGCGGCTCGAGATCCTGGACCGATATCTGCTCAAGGTCAACAACCTCATCTGGCAC
 GTGCGGTGCCTCGAGTGTCCGTGTGTCGCACGTCGCTGAGGCAGCAGAACAGCTGCTAC
 ATCAAGAAACAAGGAGATCTTCTGCAAGATGGACTACTTCAGCCGATTCGGGACCAAGTGT
 GCCCGGTGCGGCCGACAGATCTACGCCAGCGACTGGGTGCGGAGAGCTCGCGGCAACGCC
 TACCACCTGG: CCTGCTTCGCCTGCTTCTCGTGCAAGCGCCAGCTGTCCACTGGTGAGGA
 GTTCGGCTGGTTCGAGGAGAAGGTGCTCTGCCGATCCACTACGACACCATGATTGAGAA
 CCTCAAGAGGGCCCGCGAGAACGGGAACGGCCTCACGTTGGAGGGGGCAGTGCCCTCGGA
 ACAGGACAGTCAACCCAAGCCGGCAAGCGCGCGGACGTCCTTACCAGCGGAACAGCT
 GCAGGTTATGCAGGCGCAGTTCGCGCAGGACAACAACCCCGACGCTCAGACGCTGCAGAA
 GCTGGCGGACATGACGGGCTCAGCCGGAGAGTCCAGGTGTGGTTTCAAACCTGCCG
 GGCGCGTCATAAAAAGCACACGCCGCAACACCCAGTGCCGCCCTCGGGGGCGCCCCGTC
 CCGCCTTCCCTCCGCCCTGTCCGACGACATCCACTACACCCGTTTCAGCAGCCCCGAGCG
 GGCGCGCATGGTACCCCTGCACGGCTACATTGAGAGTCAGGTACAGTGCGGGCAGGTGCA
 CTGCCGGCTGCCTTACACCGCACCCCGTCCACCTCAAAGCCGATATGGATGGGCCGCT
 CTCCAACCGGGTGAGAAGGTATCCTTTTTTCAGTACTAA

Restriction Sites:	Please inquire
ACCN:	NM_014368
Insert Size:	1800 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_014368.3</u> , <u>NP_055183.2</u>
RefSeq Size:	3377 bp
RefSeq ORF:	1179 bp
Locus ID:	26468
UniProt ID:	<u>Q9UPM6</u>
Cytogenetics:	9q33.2
Domains:	homeobox, LIM
Protein Families:	Transcription Factors
Gene Summary:	<p>This gene encodes a member of a large protein family that contains the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein has tandem LIM domains as well as a DNA-binding homeodomain. The protein functions as a transcription factor involved in embryogenesis and head development and is highly expressed in neural crest derived mesenchyme cells. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jan 2017]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>