

Product datasheet for **SC329927**

LHX6 (NM_001242334) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: LHX6 (NM_001242334) Human Untagged Clone
Tag: Tag Free
Symbol: LHX6
Synonyms: LHX6.1
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC329927 representing NM_001242334.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCCCAGCCAGGGTCCGGCTGCAAAGCGACCACCCGCTGTCTTGAAGGGACCGCGCCCGCCATG
GCTCAGTCTGACGCCGAGGCCCTGGCAGGAGCTCTGGACAAGGACGAGGGTCAGGCCTCCCCATGTACG
CCCAGCACGCCATCTGTCTGCTCACCGCCCTCTGCCGCCTCCTCCGTGCCGTCTGCAGGCAAGAATC
TGCTCCAGCTGCGGCCTCGAGATCCTGGACCGATATCTGCTCAAGGTCAACAACCTCATCTGGCAGTG
CGGTGCCCTCGAGTCTCCGTGTGTGCGCAGTCTGAGGCAGCAGAACAGCTGCTACATCAAGAACAAG
GAGATCTTCTGCAAGATGGACTACTTCAGCCGATTCCGGACCAAGTGTGCCCGGTGCGGCCGACAGATC
TACGCCAGCGACTGGGTGCGGAGAGCTCGCGGCAACGCCTACCACCTGGCCTGCTTCGCCTGCTTCTCG
TGCAAGGCCAGCTGTCCACTGGTGAGGAGTTCGGCCTGGTCGAGGAGAAGGTGCTCGCCGATCCAC
TACGACACCATGATTGAGAACCTCAAGAGGGCCCGGAGAACGGGAACGGCCTCACGTTGGAGGGGGCA
GTGCCCTCGGAACAGGACAGTCAACCCAAGCCGGCCAAGCGCGCGGACGTCCTTACC CGGGAACAG
CTGCAGTTATGCAGGCGCAGTTCGCGCAGGACAACAACCCCGACGCTCAGACGCTGCAGAAGCTGGCG
GACATGACGGGCCTCAGCCGGAGAGTATCCAGGTGTGGTTTCAAACCTGCCGGGCGCGTCATAAAAAG
CACACGCCGCAACACCCAGTCCCGCCCTCGGGGGCGCCCCGTCGCCCTTCCCTCCGCCCTGTCCGAC
GACATCCACTACACCCGTTTACGACGCCCGAGCGGGCGCGCATGGTCACCCTGCACGGCTACATTGAG
AGTCAGGTACAGTGCGGCAGGTGCACTGCCGGCTGCCTTACACCGCACCCCGCTCCACCTCAAAGCC
GATATGGATGGGCCGCTCTCCAACCGGGGTGAGAAGGTATCCTTTTTCAGTACTAA
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Restriction Sites: SgfI-MluI
ACCN: NM_001242334
Insert Size: 1092 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).



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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_001242334.1</u>
RefSeq Size:	3394 bp
RefSeq ORF:	1092 bp
Locus ID:	26468
UniProt ID:	<u>Q9UPM6</u>
Cytogenetics:	9q33.2
Protein Families:	Transcription Factors
MW:	40 kDa
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 (4) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (4) is shorter at the N-terminus compared to isoform 1.</p>