

Product datasheet for **SC310433**

LIM1 (LHX1) (NM_005568) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: LIM1 (LHX1) (NM_005568) Human Untagged Clone
Tag: Tag Free
Symbol: LIM1
Synonyms: LIM-1; LIM1
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_005568 edited
GGGAGCTCGTGCCGATTGCTTTCAGGAGTCATCCCCTGGGCTCTACTTTGCCCTCTCTC
TCTCTGGGCCTCATCAGACCAAACCAAGACCATGGTTCACTGTGCCGGTGCAAAAGGC
CCATCCTGGACCGCTTTCTTTGAACGTGCTGGACAGGGCTGGCACGTC AAGTGCCTCC
AGTGTGTGAATGTAAATGCAACCTGACCGAGAAGTGCTTCTCCAGGGAAGGCAAACCT
ACTGCAAGAACGACTTCTTCCGGTGTTCGGTACCAAATGCGCAGGCTGCGCTCAGGGCA
TCTCCCCTAGCGACCTGGTGGGAGAGCGCGGAGCAAAGTGTTCACCTGAACTGCTTCA
CCTGCATGATGTAAACAAGCAGCTCTCCACTGGCGAGGAACTCTACATCATCGACGAGA
ATAAGTTCGTCTGCAAAGAGGATTACCTAAGTAACAGCAGTGTTGCCAAAGAGAACAGCC
TTCACTCGGCCACCACGGGCAGTGACCCAGTTTGTCTCCGATTCCCAAGACCCGTCGC
AGGACGACGCCAAGGACTCGGAGAGCGCCAACGTGTCGGACAAGGAAGCGGGTAGCAACG
AGAATGACGACCAGAACCTGGGCGCCAAGCGGGGACCGCGCACCCACCATCAAAGCCA
AGCAGCTGGAGACGCTGAAGGCCCTTCGCTGTACACCAAGCCCACCCGCCACATCC
GCGAGCAGCTGGCGCAGGAGACCGGCCTCAACATGCGCGTCATTACAGGTCTGGTTCCAGA
ACCGGGCGTCCAAGGAGCGGAGGATGAAGCAGCTGAGCGCCCTGGGCGCCCGGCGCCACG
CCTTCTTCCGAGTCCGCGCCGGATGCGGCCGCTGGTGGACCGCTGGAGCCGGGCGAGC
TCATCCCCAATGGTCCCTTCTCCTTCTACGGAGATTACCAGAGCGAGTACTACGGGCCCC
GGGGCAACTACGACTTCTTCCCGAAGGCCCCCGTCTCGCAGGCCAGACACCAAGTGG
ACCTACCCTTCTGTGCCGTATCTGGGCCGTCCGGGACGCCCTGGGTGGCCTGGAGCACC
CGCTGCCGGGCCACCACCGCTCGAGCGAGGCGCAGCGGTTTACCAGACATCCTGGCGCACC
CACCCGGGGACTCGCCCAGCCCCGAGCCAGCCTGCCCGGGCCTGTCACTCCATGTCGG
CCGAGGTCTTCGGACCCAGCCCGCCCTTCTCGTCGCTGTGCGTCAACGGTGGGGCGAGCT
ACGGAAACCACCTGTCCACCCCCCGAAATGAACGAGGCGCGCTGTGGTAGCGGGGTC
TCGCACGGTCTGCGGAGTTCTG

Restriction Sites: Please inquire



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ACCN:	NM_005568
Insert Size:	1300 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_005568.2.
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_005568.2</u> , <u>NP_005559.2</u>
RefSeq Size:	2283 bp
RefSeq ORF:	1221 bp
Locus ID:	3975
UniProt ID:	<u>P48742</u>
Cytogenetics:	17q12
Domains:	homeobox, LIM
Protein Families:	ES Cell Differentiation/IPS, Transcription Factors
Gene Summary:	This gene encodes a member of a large protein family which contains the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein is a transcription factor important for the development of the renal and urogenital systems. This gene is a candidate for Mayer-Rokitansky-Kuster-Hauser syndrome, a disorder characterized by anomalies in the female genital tract. [provided by RefSeq, Dec 2010]