

Product datasheet for **SC303790**

LBX1 (NM_006562) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: LBX1 (NM_006562) Human Untagged Clone
Tag: Tag Free
Symbol: LBX1
Synonyms: homeobox; HPX-6; HPX6; LBX1H
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_006562 edited
 ATGACTTCCAAGGAGGACGGCAAGGCGCGCGGGGAGGAGCGGCGCGCAGCCCGCTG
 GACCACCTGCCTCCGCTGCCAACTCCAACAAGCCACTGACCGCTTCAGCATCGAGGAC
 ATCCTCAACAAGCCGTCTGTGCGGAGAAGTTACTCGCTGTGCGGGCGGCGCACCTGCTG
 GCCCGCGGACAAAGCACGCGCAGGGCGGCTTGCCCTGGCGGGCCGCGCCTGCTCTCG
 CAGACCTCGCCGCTGTGCGCGCTGGAGGAGCTCGCCAGCAAGACGTTAAAGGGCTGGAG
 GTCAGCGTTCTGCAGGCAGCCGAAGGCCGCGACGGTATGACCATCTTTGGGCAGCGGCAG
 ACCCCTAAGAAGCGGCGAAAGTCGCGCACGGCCTTACCAACCACCAGATCTATGAATTG
 GAAAAGCGCTTTCTATACAGAAGTACCTGTCCCCGCCGATCGCGACCAAATCGCGCAG
 CAGCTGGCCTCACCAACGCGCAAGTCATCACCTGGTTCAGAATCGGCGCGCTAAGCTC
 AAGCGGGACCTGGAGGAGATGAAGGCCGACGTAGAGTCCGCCAAGAACTGGGCCCCAGC
 GGGCAGATGGACATCGTGGCGCTGGCCGAACCTCGAGCAGAACTCGGAGGCCACAGCCGGC
 GGTGGCGCGGCTGCGGCAGGGCAAGTCGAGGCCCGGCTCTCCGGTCTCCCCCAGGC
 GCCCCGAAGGCCCGGGCGCTGGCGCCCTGCAGCTCTCGCTGCCTCTCCGCTCACGGAC
 CAGCCGGCCAGCAGCCAGGACTGCTCGGAGGACGAGGAAGACGAAGAGATCGACGTGGAC
 GATTGA

Restriction Sites: Please inquire

ACCN: NM_006562

Insert Size: 800 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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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_006562.4</u> , <u>NP_006553.2</u>
RefSeq Size:	1287 bp
RefSeq ORF:	846 bp
Locus ID:	10660
UniProt ID:	<u>P52954</u>
Cytogenetics:	10q24.32
Protein Families:	Transcription Factors
Gene Summary:	This gene and the orthologous mouse gene were found by their homology to the Drosophila lady bird early and late homeobox genes. In the mouse, this gene is a key regulator of muscle precursor cell migration and is required for the acquisition of dorsal identities of forelimb muscles. [provided by RefSeq, Jul 2008]