

Product datasheet for **SC212764**

LOXL2 (NM_002318) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: LOXL2 (NM_002318) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: LOXL2
Synonyms: LOR; LOR2; WS9-14
ACCN: NM_002318
Insert Size: 1176 bp
Insert Sequence: >SC212764 3'UTR clone of NM_002318
The sequence shown below is from the reference sequence of NM_002318. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
CTCTTAAACAACCAGCTGTCCCCGAGTAAAGAAGCCTGCGTGGTCAACTCCTGTCTTCAGGCCACACC
ACATCTTCCATGGGACTTCCCCCAACAACCTGAGTCTGAACGAATGCCACGTGCCCTCACCCAGCCCGG
CCCCACCCCTGTCCAGACCCCTACAGCTGTGTCTAAGCTCAGGAGGAAAGGGACCCTCCCATCATTAT
GGGGGGCTGCTACCTGACCCCTTGGGGCCTGAGAAGGCCTTGCGGGGGTGGGGTTTGTCCACAGAGCTGC
TGGAGCAGCACCAAGAGCCAGTCTTGACCGGGATGAGGCCACAGACAGTTGTATCAGCTTGTCCCA
TTCAAGCCACCGAGCTCACACAGACACAGTGGAGCCGCGCTCTTCTCCAGTGACACGTGGACAAATGC
GGGCTCATCAGCCCCCAGAGAGGGTCAGGCCGAACCCATTTCTCCTCCTTAGGTCATTTTCAGC
AACTTGAATATCTAGACCTCTTCCAATGAAACCCCTCCAGTCTATTATAGTCACATAGATAATGGTG
CCACGTGTTTTCTGATTTGGTGAGCTCAGACTTGGTGCTTCCCTATCCACAGCCCCACCCCTTGT
TCAAGATACTATTATTATTTTTACAGACTTTTGAAGCACAAATTTATTGGCATTAAATATTGGACAT
CTGGGCCCTTGAAGTACAAATCTAAGGAAAAACCAACCCACTGTGTAAGTGACTCATCTTCTGTGTG
TCCAATCTGTGGTTTTTGATTCAACGGTGCTATAACCAAGGGTCTGGGTGACAGGGCGCTCACTGAG
CACCATGTGTCATCACAGACACTTACACATACTTGAACTTGAATAAAAGAAAGATTTATGAAACGTG
TCTGTGTTTCTTTGACCCACAGCACCTGGGCCCTGAGCAGCAGGCTTCCATGTTTCAAGTGGCCAGAAG
CAGAGCTTCAAGTACATTCGTGGTTTTTCCGGTGGACATGGGTCTCAGATCCCCTCCAGCCCAGTGT
GGCCACCAGGGCACCTCCTTCAATAGACTCCAAAAGGGGACGCTCCTACCATCTGGGAGAAGCAATCTA
AGGAGATCACAAAAGTAACGGAAACAGGAGTCATAATCTTTCTTGAACCTCTGTGGTTTTTACTGAAAC
TTG
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_002318.3
Summary:	This gene encodes a member of the lysyl oxidase gene family. The prototypic member of the family is essential to the biogenesis of connective tissue, encoding an extracellular copper-dependent amine oxidase that catalyses the first step in the formation of crosslinks in collagens and elastin. A highly conserved amino acid sequence at the C-terminus end appears to be sufficient for amine oxidase activity, suggesting that each family member may retain this function. The N-terminus is poorly conserved and may impart additional roles in developmental regulation, senescence, tumor suppression, cell growth control, and chemotaxis to each member of the family. [provided by RefSeq, Jul 2008]
Locus ID:	4017
MW:	43.5