

Product datasheet for **SC213388**

LOXL4 (NM_032211) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	LOXL4 (NM_032211) Human 3' UTR Clone
Symbol:	LOXL4
Synonyms:	LOXC
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_032211
Insert Size:	1261 bp



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Insert Sequence: >SC213388 3'UTR clone of NM_032211
The sequence shown below is from the reference sequence of NM_032211. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GAACAGCGTCTCAGGAACAACCTCATCGAAGCTGTCACTGCACACTCCTAGCTGTGCCGATACACCA
GATACCTCAGCTTATTGGAGCCATGCCCTTACAGAGTCCCAACTCAGAGGAAAAGGGCCAGTGCCAAG
GGGCACCAAGAACCTGCTCAGGAAGCCTTTTATGGCAAGATCACCAATCCAGATGGTATTGCTCCCTC
AGGATGGCTCTGGGCCTGCCCTAAGGGCCTGTGGCCTATGGAATATGTCTCCAGGCTTTGCTCAGCT
GAGCTCCTCTTGTGAAGGAAACCCAGTCATCCCTGAATCTTGCCACAGAGATCCGGGATTGAGGAGCT
CTCAGTTTCTTAGGGATGGACTATGGCCAGTCCCCCATCTAAGTGGTGTCTTGCAAATGTCTTGGAGG
AGTATAGGACAGAGGACCAAAATACACAGCAGGTAGTGTAGCTCTCTGCTAGGAGCTCAAAGCAACAC
AATTGTATCAAAATCACAACCTGGCAGAGAAGCTGGTGGATCCAATCCTTTCTTCATCTGTTGTTATTT
AGAACTCACCTCTCACACTCTGTCTTTAGTGTCTTACCTTTATCTTACCACACACATGGGTGTTTCT
ATTATCCTTGAAGCACAGACCTCGGGCATCCCCATTATTGCCTGATGGGCCAACCAACAGTTACGGA
GTGCTTGAGAAGGGGCAAGTTTCACAGAAATGGCCAGATAGGGCCTTCTACAGAGCAGCAAGAGTAGG
CCAAGCAGAAAGACTGCTGAGGTAAACAGGACCCAGCCCTGTGAGGGCCTCTGCCAAGGAAATAATA
TGGACCATTTACCTGGCAGGCAGTCTGCTCTCTCAGGATCACACGCATCTCAGGATTGGTCTAAAC
TTCAAGTCTCAACCAAGTGTCTGAAGTGAACCTTGCAATGAATAAATTTTGGCATGGAAAGAACATCA
AACAAGCCACTCATCTCTACAGAGATAAGAAAAACAAGTTTGGCAGAGCAAGAGACAGAAGACCGTGGAG
AAATCAGAAGGGGGAACAGTCAGTTTATGTTAAGGATGGAACCTGGGAAAGGCCACCATTCCTGCTTGAT
GGGGCTCTGATTGCTCTGCTCAAGTGAATAAAACCCATGGTCTTCTTGACATGATTCTTGATCTT
TTCTCCACTGAGACACACTTAAGTGATGATCCTTACAGGACTGACACCCTAATGCCAATAAAAGTTGCT
CATTATGGACTGCTACAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

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_032211.7](#)

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: 84171

MW: 47.5