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Product datasheet for SC203926

LOXL1 (NM_005576) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	LOXL1 (NM_005576) Human 3' UTR Clone
Symbol:	LOXL1
Synonyms:	LOL; LOXL
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005576
Insert Size:	329 bp
Insert Sequence:	>SC203926 3'UTR clone of NM_005576 The sequence shown below is from the reference sequence of NM_005576. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCAACAAACTGCAAAATTGTCCAATCCTGATCTCCGGGAGGGACAGATGGCCAATCTCTCCCCTTCCAA AGCAGGCCCTGCTCCCCGGGCAGCCTCCCGCCGAGGGGCCCAGCCCCCAACCCACAGGCACGGAGGGGC ATCCCTCCCTGCCGGCCTCAGGGAGCGAACGTGGATGAAAACCACAGGGATTCCGGACGCCAGACCCCA TTTTATACTTCACTTTTCTCTACAGTGTTGTTTTGTTGTTGTTGGTTTTTATTTTTTATACTTTGGCCA TACCACAGAGCTAGATTGCCCAGGTCTGGGCTGAATAAAACAAGGTTTTTCTA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_005576.4

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Summary: This gene encodes a member of the lysyl oxidase family of proteins. The prototypic member of the family is essential to the biogenesis of connective tissue, encoding an extracellular copper-dependent amine oxidase that catalyzes the first step in the formation of crosslinks in collagen and elastin. The encoded preproprotein is proteolytically processed to generate the mature enzyme. 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. Mutations in this gene are associated with exfoliation syndrome. [provided by RefSeq, Jan 2016]

Locus ID: 4016

MW: 12.2