

Product datasheet for **SC215522**

LOX 1 (OLR1) (NM_002543) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	LOX 1 (OLR1) (NM_002543) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	OLR1
Synonyms:	CLEC8A; LOX1; LOXIN; SCARE1; SLOX1
ACCN:	NM_002543
Insert Size:	1609 bp



[View online »](#)

Insert Sequence: >SC215522 3'UTR clone of NM_002543
The sequence shown below is from the reference sequence of NM_002543. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGAAGAAGGCAACCTAAGAGCACAGTGAATTTGAAGGCTCTGGAAGAAAAGAAAAAGTCTTTGAGT
TTTATTCTGGAATTTAAGCTATTCTTTGTCACTTGGGTGCCAAACATGAGAGCCCAGAAAAGTGTCACTT
TAGCTGGCTGCAGAACTCCTTTGCAGAACTGGGGTTCCAGGAGCCTGGCACCTTTATGTCAACATTTT
TGATTCTAGTACCTGTATTATTTACCTAGCTTGTCCCAAGCTTCCCTGCCAGCCTGAAGTCCATTTT
CCCCTTTTATTTAAAAATTTGACTCCTCTTCAAGCTTAAAAACCTCTGAAGTCAAGTCTTCTTTACCT
CATTATCACCTTCCCCTCACACTCCTAAAATTGCATGAAAGACAGAACATGGAGAAGTGTCAAGTGC
AGGCAGAGAGCAAAAAGGGGAAATATGTCTGGGAAAAAGTGCACGTGAAGAAAACAAGAAGGACAGAGG
CCATTCGAAATCAAGAACTCATGTTCTTAACTTTAAAAAGGTATCAATCCTTGGTTTTTAAACTGT
GGTCCATCTCCAGACTCTACCCTTACGGACAGACAGACAGACACACACACACACACACACACACAC
ATTTTGGGACAAGTGGGAGCCCAAGAAAGTAATTAGTAAGTGAGTGGTCTTTTCTGTAAGCTAATCCA
CAACCTGTTACCCTTCTGAATCAGTTATTATTTCTTCATTTTTTTTCTACCAGAGGACAGATTAAT
AGATTTAACCTTCAACAAGTCTTGTGTAAGATCATGGGATGTGTGGCCAGAGGTAAGAATAGAATT
TCTTTCCCTAAAGAACATACCTTTGTAGATGAACTCTTCTCAACTCTGTTTTGTATGTATAATTCC
GAAACATACAAGCAAAAAAATGAAGACACTCAATCTAGAACAACTAAGCCAGGTATGCAAATATCG
CTGAATAGAAACAGATGGAATTAGAAATATATCTTCTATTTTTAGGCTTCTATTTCCCTTCCACCCACT
CTTCACAGGCTATTCTACTTTAAAGGAAGCCTTTTTATTTTGTGCACACAATCTAGCAGGAATCTTTT
TTTTTTTTTAAGAGCTGTGTCATCCTTATGTAGGCAAGAGATGTTTGTCTTTTAAAAAGCTTTATTGA
GATATAATTAACATAAAAATAAAGTGAACATATTTAAAGTGTACTATTTGATAAGTTTTACACCTTGTG
GAGAACATGCATACTACAATTAAGAGAGTGAACATATCCATCATCCCTCAAAGTGTCACAATGCTCCTC
CTGATGACTCCTCCCAGAAAACCAATCGGCTTTTCAATTTTGCATTTTGTAGTTTTATGTGAATGGA
ATCATATAGTATGCTTTTTTTTTGTCTGGCTTCTTCACTTTGCATAATTATTTTGTGATTATCATG
TCTCCATCTTGATGCTCGTATGAATTCATTCTTTAAATGTTGAATATCCCTTGTATGGATATACCAC
AATTCATTTACCCTTACTTGTGATGACATTTGGGTTGTTTTAGTTTTGGGATATTACAATAAAGC
TGCTGTGAACATTTGTGTACAA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: Sgfl-Mlul

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_002543.4](#)

Summary:

This gene encodes a low density lipoprotein receptor that belongs to the C-type lectin superfamily. This gene is regulated through the cyclic AMP signaling pathway. The encoded protein binds, internalizes and degrades oxidized low-density lipoprotein. This protein may be involved in the regulation of Fas-induced apoptosis. This protein may play a role as a scavenger receptor. Mutations of this gene have been associated with atherosclerosis, risk of myocardial infarction, and may modify the risk of Alzheimer's disease. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Feb 2010]

Locus ID:

4973

MW:

63.2