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Product datasheet for RC204704L4V

LOX 1 (OLR1) (NM_002543) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LOX 1 (OLR1) (NM_002543) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LOX 1
Synonyms:	CLEC8A; LOX1; LOXIN; SCARE1; SLOX1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002543
ORF Size:	819 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC204704).`
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_002543.3
RefSeq Size:	2533 bp
RefSeq ORF:	822 bp
Locus ID:	4973
UniProt ID:	P78380
Cytogenetics:	12p13.2
Domains:	CLECT
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane

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Protein Pathways: PPAR signaling pathway

MW: 31 kDa

Gene 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]