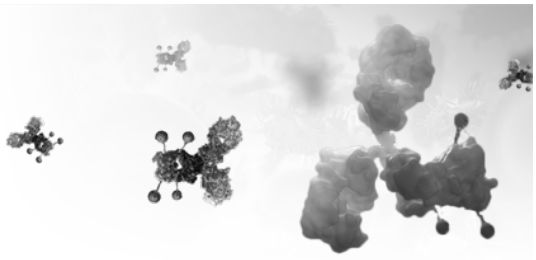

Human OLR1 peptide (DAG-P0747)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 Alzheimers disease. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Feb 2010]
Specificity	Expressed at high level in endothelial cells and vascular-rich organs such as placenta, lung, liver and brain, aortic intima, bone marrow, spinal cord and substantia nigra. Also expressed at the surface of dendritic cells. Widely expressed at intermediate
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 C-type lectin domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	OLR1 oxidized low density lipoprotein (lectin-like) receptor 1 [Homo sapiens (human)]
Official Symbol	OLR1

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Synonyms	OLR1; oxidized low density lipoprotein (lectin-like) receptor 1; LOX1; LOXIN; SLOX1; CLEC8A; SCARE1; oxidized low-density lipoprotein receptor 1; hLOX-1; ox LDL receptor 1; lectin-type oxidized LDL receptor 1; scavenger receptor class E, member 1; C-type lectin domain family 8 member A; oxidized low-density lipoprotein receptor 1, soluble form;
Entrez Gene ID	4973
mRNA Refseq	NM_001172632.1
Protein Refseq	NP_001166103.1
UniProt ID	P78380
Chromosome Location	12p13.2-p12.3
Pathway	Cell surface interactions at the vascular wall, organism-specific biosystem; Hemostasis, organism-specific biosystem; PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway, conserved biosystem; Phagosome, organism-specific biosystem; Phagosome, conserved biosystem;
Function	carbohydrate binding; low-density lipoprotein receptor activity;

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