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Product Information

MemDX™ Membrane Protein Human OLR1 (Oxidized low density lipoprotein receptor 1) expressed in E. coli for Antibody Discovery

Cat. No.: **MP0018Q**
This product is for research use only and is not intended for diagnostic use.

This product is a 24.7 kDa Human OLR1 membrane protein expressed in E. col. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
OLR1

Protein Length
Partial

Protein Class
Druggable Genome, Secreted Protein, Transmembrane

Molecular Weight
24.7 kDa

TMD
1

Sequence
MQLSQVSDLLTQEQANLTHQKKKLEGQISARQQAEEASQESENELKEMIETLARKLNEKSKEQMELHHQNLNLQETLKRVANCSAP

Product Description

Expression Systems
E. coli

Form
Powder

Purification
Conventional chromatography

Purity

>90%

Buffer

20mM Tris-HCl buffer (pH 8.0) containing 5% glycerol, 0.4M Urea

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

OLR1

Full Name

Oxidized low density lipoprotein receptor 1

Introduction

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.

Alternative Names

CLEC8A; LOX1; LOXIN; SCARE1; SLOX1; C-type lectin domain family 8 member A; hLOX-1; Lectin-like oxidized LDL receptor 1; LOX-1; Lectin-like oxLDL receptor 1; hLOX-1; Lectin-type oxidized LDL receptor 1; ox LDL receptor 1; Oxidized low-density lipoprotein receptor 1; oxidized low density lipoprotein (lectin-like) receptor 1; scavenger receptor class E, member 1

Gene ID

4973

UniProt ID

P78380

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