

Product Information

MemDX™ Membrane Protein Human OLR1 (Oxidized low density lipoprotein receptor 1) Full Length

Cat. No.: **MPC1773K**

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

This product is a 30.9 kDa Human OLR1 membrane protein expressed in HEK293. 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

Full length

Protein Class

Receptor; Immunity

Molecular Weight

30.9 kDa

TMD

1

Sequence

MTFDDLKIQTVDQPDDEKSNKKAKGLQFLYSPWWCLAAATLGVLCLGLV
VTIMVLGMQLSQVSDLLTQEQANLTHQKKKLEGQISARQQAEESQSEEN
ELKEMIETLARKLNEKSKEQMELHHQNLNLQETLKRVANCSAPCPQDWIW
HGENCYLFSSGSFNWEKSQEKCLSLDAKLLKINSTADLDFIQQAISYSSF
PFWMGLSRRNPSYPWLWEDGSPLMPHLFRVRGAVSQTPSGTCAYIQRGA
VYAENCILAAFSICQKKANLRAQ

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

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

OLR1; LOX1; LOXIN; SLOX1; CLEC8A; SCARE1; oxidized low-density lipoprotein receptor 1; C-type lectin domain family 8 member A; hLOX-1; lectin-type oxidized LDL receptor 1; ox LDL receptor 1; oxidized low density lipoprotein (lectin-like) receptor 1; oxidized low-density lipoprotein receptor 1, soluble form; scavenger receptor class E, member 1; Oxidized low density lipoprotein receptor 1

Gene ID

[4973](#)

UniProt ID

[P78380](#)