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OLR1 Human, HEK

Oxidized Low Density Lipoprotein Receptor 1 Human Recombinant, HEK
RCP1554

Product Overview

Name	OLR1 Human, HEK

Description

Oxidized Low Density Lipoprotein Receptor 1 Human Recombinant, HEK

Accession (Primary)	P78380

Synonyms

Oxidized low density lipoprotein (lectin-like) receptor 1, CLEC8A, hLOX1, SCARE1, Lectin-type oxidized LDL receptor 1, Lectin-like oxidized LDL receptor 1, C-type lectin domain family 8 member A, LOXIN, SLOX1, ox LDL receptor 1, Oxidized low-density lipoprotein receptor 1 soluble form, scavenger receptor class E member 1, SR-E1.

Introduction

OLR1 is a type II membrane protein which belongs to the C-type lectin family and performs as a cell-surface receptor for Ox-LDL. Ox-LDL has a part in early ather-osclerosis, which includes the transformation of monocyte-derived macro-phages to foam cells in atherosclerotic lesions. In addition, OLR1 protein triggers the activation of the NF?B signal transduction pathway.

Source

HEK 293.

Physical Appearance

Filtered White lyophilized (freeze-dried) powder.

Formulation

OLR1 was filtered (0.4 µm) and lyophilized in phosphate buffered saline pH 7.5.

Stability

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

DYKDDDDK SQ VSDLLTQEQA NLTHQKKKLE GQISARQQAE EASQESENEL KEMIETLARK LNEKSKEQME LHHQNLNLQE TLKRVANCSA PCPQDWIWHG ENCYLFSSGS FNWEKSQEKC LSLDAKLLKI NSTADLDFIQ

QAISYSSFPF WMGLSRRNPS YPWLWEDGSP LMPHLFRVRG AVSQTYPSGT CAYIQRGAVY AENCILAAFS ICQKKANLRA Q.

Solubility

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

Precautions

OLR1 Human, HEK is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P78380)