9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

OLR1 Human

Oxidized Low Density Lipoprotein Receptor 1 Human Recombinant
RCP1553

Product Overview

Name	OLR1 Human

Description

Oxidized Low Density Lipoprotein Receptor 1 Human Recombinant

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.

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

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The OLR1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 5% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

MQLSQVSDLL TQEQANLTHQ KKKLEGQISA RQQAEEASQE SENELKEMIE TLARKLNEKS KEQMELHHQN LNLQETLKRV ANCSAPCPQD WIWHGENCYL FSSGSFNWEK SQEKCLSLDA KLLKINSTAD LDFIQQAISY SSFPFWMGLS RRNPSYPWLW EDGSPLMPHL FRVRGAVSQT YPSGTCAYIQ RGAVYAENCI LAAFSICQKK

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ANLRAQ

Precautions

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

Target Information: (P78380)