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

OLR1 Human, Sf9

Oxidized Low Density Lipoprotein Receptor 1 Human Recombinant, Sf9
RCP1555

Product Overview

Name	OLR1 Human, Sf9

Description

Oxidized Low Density Lipoprotein Receptor 1 Human Recombinant, Sf9

Accession (Primary)	P78380

Synonyms

Oxidized Low Density Lipoprotein Receptor 1, C-Type Lectin Domain Family 8 Member A, Lectin-Type Oxidized LDL Receptor 1, CLEC8A, HLOX-1, LOX1, Oxidised Low Density Lipoprotein (Lectin-Like) Receptor 1, Oxidized Low Density Lipoprotein (Lectin-Like) Receptor 1, Oxidized Low-Density Lipoprotein Receptor 1, Soluble Form, Oxidized Low-Density Lipoprotein Receptor 1, Scavenger Receptor Class E, Member 1, Lectin-Like Oxidized LDL Receptor 1, Lectin-Like OxLDL Receptor 1, Ox LDL Receptor 1, Ox-LDL Receptor 1, SCARE1, LOXIN, SLOX1, LOX-1, Oxidized low-density lipoprotein receptor 1, Ox-LDL receptor 1, C-type lectin domain family 8 member A, LOX-1, Lectin-like oxLDL receptor 1, hLOX-1, Lectin-type oxidized LDL receptor 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

Sf9, Baculovirus cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

OLR1 protein solution (1mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% 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 95% as determined by SDS-PAGE.

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

Amino acid sequence

ADP MQLSQVS DLLTQEQANL THQKKKLEGQ ISARQQAEEA SQESENELKE MIETLARKLN EKSKEQMELH HQNLNLQETL KRVANCSAPC PQDWIWHGEN CYLFSSGSFN WEKSQEKCLS LDAKLLKINS TADLDFIQQA ISYSSFPFWM GLSRRNPSYP WLWEDGSPLM PHLFRVRGAV SQTYPSGTCA YIQRGAVYAE NCILAAFSIC QKKANLRAQ H HHHHH.

Precautions

OLR1 Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P78380)