

Recombinant human LOX-1/OLR1 protein

Catalog Number: ATGP3477

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

58-273aa

UniProt No.

P78380

NCBI Accession No.

NP_002534

Alternative Names

Oxidized low-density lipoprotein receptor 1 isoform 1, OLR1, CLEC8A, LOX1, hLOX-1, LOXIN, SCARE1, SLOX1

PRODUCT SPECIFICATION

Molecular Weight

25.8 kDa (225aa)

Concentration

1mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 95% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

OLR1, as known as oxidized low-density lipoprotein receptor 1, is a type 2 transmembrane receptor belonging to the C-type lectin family. It belongs to the functionally defined scavenger receptor (SR) superfamily. This protein is the first member of the class E scavenger receptor subfamily. Also, this protein may play a role in the progression of vulnerable carotid plaque and might regulate vulnerable plaque formation in cooperation with

Recombinant human LOX-1/OLR1 protein

Catalog Number: ATGP3477

MMPs and TIMP2. Recombinant human OLR1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

ADPMQLSQVS DLLTQEANL THQKKKLEGQ ISARQQAEEA SQESENELKE MIETLARKLN EKSKEQMELH HQNLNLQETL
KRVANCSAPC PQDWIWHGEN CYLFSSGSFN WEKSQEKCLS LDAKLLKINS TADLDFIQQA ISYSSFPFWM GLSRRNPSYP
WLWEDGSPLM PHLFRVRGAV SQTYPSTGCA YIQRGAVYAE NCILAAFSIC QKKANLRAQH HHHHH

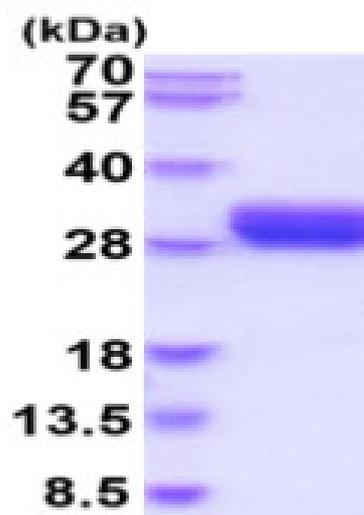
General References

Higuma T., et al, (2015) Circ. J. 79:641-648.

Tejedor JR., et al, (2015) RNA. 21:1187-1202.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)