

Recombinant human LOX-1/OLR1 protein

Catalog Number: ATGP1199

PRODUCT INFORMATION

Expression system

E.coli

Domain

58-273aa

UniProt No.

P78380

NCBI Accession No.

NP_002534

Alternative Names

Oxidized low density lipoprotein(lectin-like)receptor 1, CLEC8A, LOX1, SCARE1

PRODUCT SPECIFICATION

Molecular Weight

24.7 kDa (216aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 5% glycerol, 0.4M urea

Purity

> 90% by SDS-PAGE

Tag

Non-Tagged

Application

SDS-PAGE, Denatured

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, also known as oxidized low density lipoprotein (Ox-LDL) receptor 1, is a type II membrane protein that is a member of the C-type lectin family and acts as a cell-surface receptor for Ox-LDL. Ox-LDL plays a role in early ather-osclerosis, which includes the transformation of monocyte-derived macro-phages to foam cells in atherosclerotic lesions. This protein may also trigger the activation of the NFkB signal transduction pathway.

Amino acid Sequence

MQLSQVSDLL TQEANLTHQ KKKLEGQISA RQQAEEASQE SENELKEMIE TLARKLNEKS KEQMELHHQN LNLQETLKRV

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ANCSAPCPQD WIWHGENCYL FSSGSFNWEK SQEKCLSLDA KLLKINSTAD LDFIQQAISY SSFPFWMGLS RRNPSYPWLW
EDGSPLMPHL FRVRGAVSQT YPSGTCAYIQ RGAVYAENCI LAAFSICQKK ANLRAQ

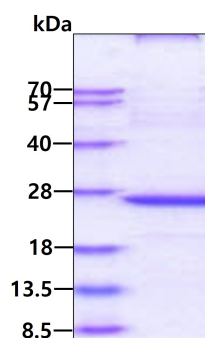
General References

Kataoka H. et al. (1999) Circulation 99: 3110-3117.

Cominacini L. et al. (2000) J. Biol. Chem. 275: 12633-12638.

DATA

SDS-PAGE



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