

OLR1 recombinant protein

OLR1, 58-273aa, Human, E Coli (Denatured)

CATALOG # AAA48737	HOST E Coli	APPLICATIONS SDS-Page
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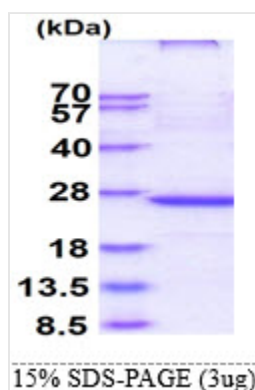
PRODUCT SYNONYMS

OLR1; 58-273aa; Human; E Coli (Denatured); Oxidized low density lipoprotein (lectin-like)receptor 1; CLEC8A; LOX1; SCARE1; OLR1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.0) containing 5% glycerol, 0.4M urea
Concentration	1.0 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MQLSQVSDLL TQEQLNLTHQ KKKLEGQISA RQQAEEASQE SENELKEMIE TLARKLNEKS KEQMELHHQN LNLQETLKR V ANCSAPCPQD WIWHGENCYL FSSGSFNWEK SQEKCLSLDA KLLKINSTAD LDFIQQAISY SSFPFWMGLS RRNPSYPWLW EDGSPLMPHL FRVRGAVSQT YPSGTCAYIQ RGAVYAENCI LAAFSICQKK ANLRAQ
Sequence Length	273
Applicable Applications for OLR1 recombinant protein	SDS-PAGE
Antigen Species	Human
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for OLR1 recombinant protein	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.
Product Categories/Family for OLR1 recombinant protein	Metabolism
References	Kataoka H. et al. (1999) Circulation 99: 3110-3117.; Cominacini L. et al. (2000) J. Biol. Chem. 275: 12633-12638.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505501
NCBI GeneID	4973
NCBI Accession #	NP_002534
NCBI GenBank Nucleotide #	NM_002543.3
UniProt Accession #	P78380; Q2PP00; Q7Z484; A8K7V9; B4DI48; G3V1I4
Molecular Weight	24.7 kDa (216aa)
NCBI Official Full Name	oxidized low-density lipoprotein receptor 1 isoform 1
NCBI Official Synonym Full Names	oxidized low density lipoprotein receptor 1
NCBI Official Symbol	OLR1
NCBI Official Synonym Symbols	LOX1; LOXIN; SLOX1; CLEC8A; SCARE1
NCBI Protein Information	oxidized low-density lipoprotein receptor 1
UniProt Protein Name	Oxidized low-density lipoprotein receptor 1
UniProt Gene Name	OLR1
UniProt Synonym Gene Names	CLEC8A; LOX1; Ox-LDL receptor 1; LOX-1; Lectin-like oxLDL receptor 1; hLOX-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.