

Product datasheet for **AR39141PU-L**

OLR1 / LOX1 (58-273) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	OLR1 / LOX1 (58-273) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MQLSQVSDLL TQEQANLTHQ KKKLEGQISA RQQAEASQE SENELKEMIE TLARKLNEKS KEQMELHHQN LNLQETLKR V ANCSAPCPQD WIWHGENCYL FSSGSFNWEK SQEKCLSLDA KLLKINSTAD LDFIQQAISY SSFPFWMGLS RRNPSYPWLW EDGSPLMPHL FRVRGAVSQT YPSGTCAIYQ RGAHYAENCI LAAFSICQKK ANLRAQ
Predicted MW:	24.7 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 5% glycerol, 0.4M Urea
Preparation:	Liquid purified protein
Protein Description:	Recombinant human OLR1 was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001166103
Locus ID:	4973
UniProt ID:	P78380
Cytogenetics:	12p13.2
Synonyms:	CLEC8A; LOX1; LOXIN; SCARE1; SLOX1



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Summary:

This gene encodes a low density lipoprotein receptor that belongs to the C-type lectin superfamily. This gene is regulated through the cyclic AMP signaling pathway. The encoded protein binds, internalizes and degrades oxidized low-density lipoprotein. This protein may be involved in the regulation of Fas-induced apoptosis. This protein may play a role as a scavenger receptor. Mutations of this gene have been associated with atherosclerosis, risk of myocardial infarction, and may modify the risk of Alzheimer's disease. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Feb 2010]

Protein Families:

Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways:

PPAR signaling pathway

Product images: