



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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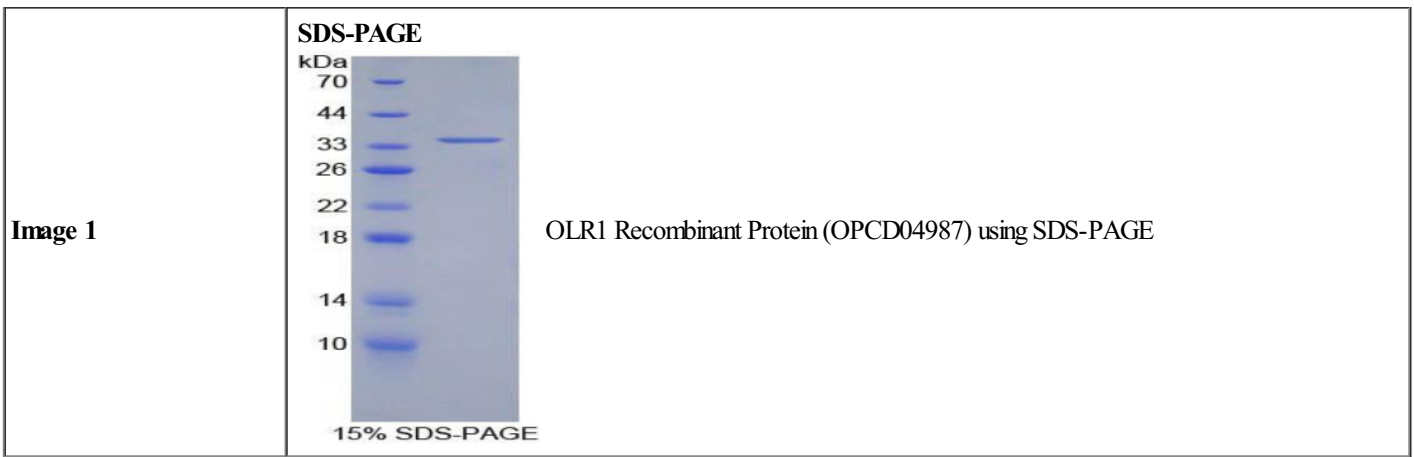
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Product Number	OPCD04987
Product Page	<a href="http://www.avivasysbio.com/olr1-recombinant-protein-opcd04987.html">www.avivasysbio.com/olr1-recombinant-protein-opcd04987.html</a>
Name	OLR1 Recombinant Protein (OPCD04987)
Protein Size (# AA)	Thr51~Ser314 amino acids
Molecular Weight	34.63kDa
Tag	N-terminal His Tag
Conjugation	Unconjugated
NCBI Gene Id	140914
Host	E.coli
Purity	> 95%
Concentration	200 ug/mL (prior to lyoph)
Source	E.coli
Gene Full Name	oxidized low density lipoprotein receptor 1
Alias Symbols	lectin-like oxidized LDL receptor 1;lectin-like oxidized low-density lipoprotein receptor;Lectin-like oxidized low-density lipoprotein receptor-1;lectin-like oxLDL receptor 1;lectin-type oxidized LDL receptor 1;LOX-1;Oldr1;Oldr1;oxidised low density lipoprotein (lectin-like) receptor 1;oxidized low density lipoprotein (lectin-like) receptor 1;oxidized low-density lipoprotein receptor 1;ox-LDL receptor 1.
Product Format	Freeze-dried Powder. PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Description of Target	Receptor that mediates the recognition, internalization and degradation of oxidatively modified low density lipoprotein (oxLDL) by vascular endothelial cells. OxLDL is a marker of atherosclerosis that induces vascular endothelial cell activation and dysfunction, resulting in pro-inflammatory responses, pro-oxidative conditions and apoptosis. Its association with oxLDL induces the activation of NF-kappa-B through an increased production of intracellular reactive oxygen and a variety of pro-atherogenic cellular responses including a reduction of nitric oxide (NO) release, monocyte adhesion and apoptosis. In addition to binding oxLDL, it acts as a receptor for the HSP70 protein involved in antigen cross-presentation to naive T-cells in dendritic cells, thereby participating in cell-mediated antigen cross-presentation. Also involved in inflammatory process, by acting as a leukocyte-adhesion molecule at the vascular interface in endotoxin-induced inflammation. Also acts as a receptor for advanced glycation end (AGE) products, activated platelets, monocytes, apoptotic cells and both Gram-negative and Gram-positive bacteria.
Reconstitution and Storage	2°C to 8°C -80°C
Datasheets/Manuals	Printable datasheet for <a href="#">OLR1 Recombinant Protein (OPCD04987)</a>
Additional Information	<b>Endotoxin Level:</b> < 1.0 EU per 1 ug (determined by the LAL method)
Additional Information	<b>Residues:</b> Thr51-Ser314
Additional Information	<b>Subcellular Location:</b> Cell membrane; Secreted. Single-pass type II membrane prote
Uniprot ID	<a href="#">O70156</a>
Protein Name	Oxidized low-density lipoprotein receptor 1
Protein Accession #	<a href="#">NP_579840.2</a>
Nucleotide Accession #	<a href="#">NM_133306.2</a>
Gene Symbol	<a href="#">Olr1</a>
Predicted Species Reactivity	Rat Rattus norvegicus
Application	Ctrl (+), SDS-PAGE, WB



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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