



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

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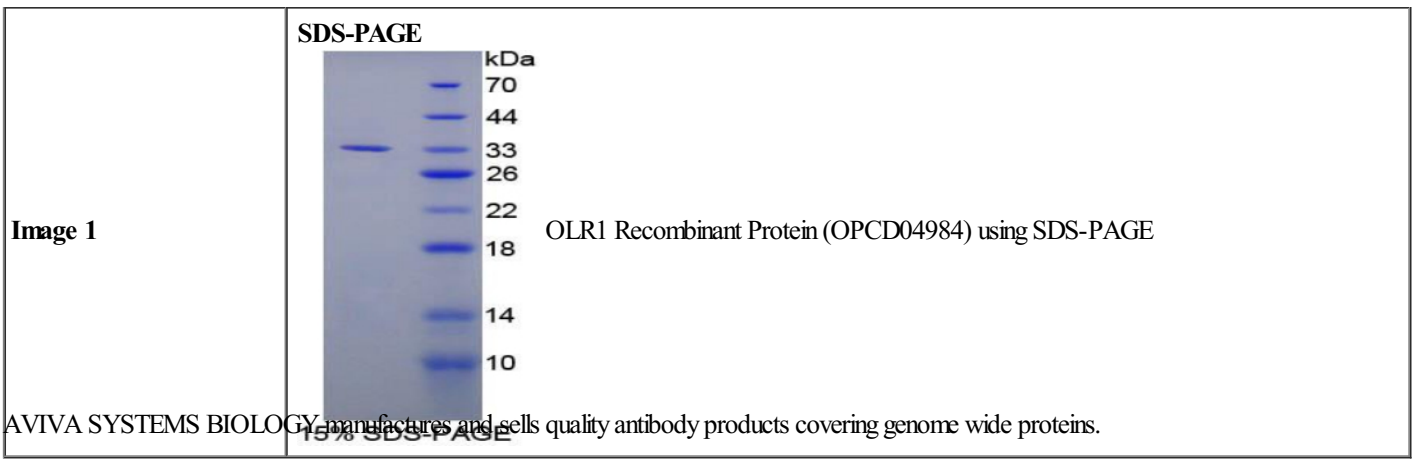
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Product Number	OPCD04984
Product Page	www.avivasysbio.com/olr1-recombinant-protein-opcd04984.html
Name	OLR1 Recombinant Protein (OPCD04984)
Protein Size (# AA)	Arg180~Pro312 amino acids
Molecular Weight	33kDa
Tag	N-terminal His Tag
Conjugation	Unconjugated
NCBI Gene Id	108078
Host	E.coli
Purity	> 95%
Concentration	200 ug/mL (prior to lyoph)
Source	E.coli
Gene Full Name	oxidized low density lipoprotein (lectin-like) receptor 1
Alias Symbols	lectin-like oxidized LDL receptor 1;lectin-like oxLDL receptor 1;lectin-type oxidized LDL receptor 1;LOX;LOX-1;oxidised low density lipoprotein (lectin-like) receptor 1;oxidized low-density lipoprotein receptor 1;ox-LDL receptor 1;Sca;Scare1;SR;SR-EI.
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 (By similarity).
Reconstitution and Storage	2°C to 8°C -80°C
Datasheets/Manuals	Printable datasheet for OLR1 Recombinant Protein (OPCD04984)
Additional Information	Endotoxin Level: < 1.0 EU per 1 ug (determined by the LAL method) Subcellular Location: Cell membrane; Secreted. Single-pass type II membrane protein.
Additional Information	Residues: Arg60-Pro312
Uniprot ID	Q9EQ09
Protein Name	Oxidized low-density lipoprotein receptor 1
Protein Accession #	NP_619589.2
Nucleotide Accession #	NM_138648.2
Gene Symbol	Olr1
Predicted Species Reactivity	Mouse Mus musculus
Application	Ctrl (+), SDS-PAGE, WB



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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