



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### OLR1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00004973-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human OLR1 full-length ORF (AAH22295, 1 a.a. - 273 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
MTFDDLKIQTVKDQPDEKSNQKAKGLQFLYSPWWC  
LAAATLGVLCLGLVVTIMVLGMQLSQVSDLLTQEQANL  
THQKKKLEGQISARQQAEEASQSENELKEMIETLARK  
LNEKSQEMELHHQNLNLQETLKRVANCSAPCPQDWI  
WHGENCYLFSSGSFNWEKSQEKCLSLDAKLLKINSTA  
DLDFIQQAISYSSFPFWMGLSRRNPSYPWLWEDGSPL  
MPHLFRVRGAVSQTYPSGTCAIYIQRGAVYAENCILAA  
FSICQKKANLRAQ
```

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 55.77

**Applications:** AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4973

**Gene Symbol:** OLR1

**Gene Alias:** CLEC8A, LOX1, SCARE1

**Gene Summary:** This gene encodes a receptor protein which 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. Alternative transcript variants have been described but their full-length sequence has not been determined. [provided by RefSeq]