



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

www.szabo-scandic.com

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

Datasheet

OPRL1 (Human) Recombinant Protein (P01)

Catalog Number: H00004987-P01

Regulation Status: For research use only (RUO)

Product Description: Human OPRL1 full-length ORF (NP_000904.1, 1 a.a. - 370 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MEPLFPAPFWEVIYGSHLQGNLSLLSPNHSLPPHLLL  
NASHGAFLPLGLKVTIVGLYLAVCVGGLLGNCLVMYVI  
LRHTKMKTATNIYIFNLALADTLVLLTLPFQGTDILLGFW  
PFGNALCKTVIAIDYYNMFTSTFTLTAMSVDYVAICHP  
IRALDVRTSSKAQAVNVAIWALASVVGVPVAIMGSAQV  
EDEEIECLVEIPTPQDYWGPVFAICIFLFSFIVPVLVISVC  
YSLMIRRLRGVRLLSGSREKDRNLRRITRLVLVVAVF  
VGCWTPVQVFVLAQGLGVQPSSETAVAILRFCTALGY  
VNSCLNPILYAFLDENFKACFRKFCCASALRRDVQVSD  
RVRSIAKDVALACKTSETVPRPA
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 67.1

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: 4987

Gene Symbol: OPRL1

Gene Alias: KOR-3, MGC34578, NOCIR, OOR, ORL1

Gene Summary: The protein encoded by this gene is a G protein-coupled receptor whose expression can be induced by phytohemagglutinin. The encoded integral membrane protein is a receptor for the 17 aa neuropeptide nociceptin/orphanin FQ. This gene may be involved in the regulation of numerous brain activities, particularly instinctive and emotional behaviors. A promoter for this gene also functions as a promoter for another gene, regulator of G-protein signalling 19 (RGS19), located on the opposite strand. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]