



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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## Datasheet

### OPRS1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00010280-P01

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

**Product Description:** Human OPRS1 full-length ORF ( NP\_005857.1, 1 a.a. - 223 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
MQWAVGRRWAWAALLLAVAAVLTQVVWLWLGTSQSF
VFQREEIAQLARQYAGLDHELAFSRLIVELRRLHPGHV
LPDEELQWVFNAGGWMGAMCLLHASLSEYVLLFGT
ALGSRGHSGRYWAEISDTIISGTFHQWREGTTKSEVF
YPGETVVHGPGEATAVEWGPNTWMVEYGRGVIPSTL
AFALADTVFSTQDFLTLFYTLRSYARGLRLELTTYLFG
QDP
```

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

**Theoretical MW (kDa):** 51.5

**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:** 10280

**Gene Symbol:** SIGMAR1

**Gene Alias:** FLJ25585, MGC3851, OPRS1, SR-BP1

**Gene Summary:** This gene encodes a receptor protein

that interacts with a variety of psychotomimetic drugs, including cocaine and amphetamines. The receptor is believed to play an important role in the cellular functions of various tissues associated with the endocrine, immune, and nervous systems. As indicated by its previous name, opioid receptor sigma 1 (OPRS1), the product of this gene was erroneously thought to function as an opioid receptor; it is now thought to be a non-opioid receptor. Alternative splicing of this gene results in transcript variants encoding distinct isoforms. [provided by RefSeq]