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Lieferung & Zahlungsart

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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

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

Interspecies Antigen Sequence: Mouse (90); Rat (93)

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]