



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

OR5A1 (Human) Recombinant Protein (P01)

Catalog Number: H00219982-P01

Regulation Status: For research use only (RUO)

Product Description: Human OR5A1 full-length ORF (NP_001004728.1, 1 a.a. - 315 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MSITKAWNSSSVTMFILLGFTDHPQLQALLFVTFGLGIYL  
TTLAWNLAFLIRGDTHLHTPMYFFLSNLSFIDICYSSA  
VAPNMLTDFFWEQKTISFVGCAAQFFFFVGMGLSECL  
LLTAMAYDRYAAISSPLLYPTIMTQGLCTRMVVGAYVG  
GFLSSLIQASSIFRLHFCGPNIIHFFCDLPPVLALSCSD  
TFLSQVVNFLVVVTVGGTSFLQLLISYGYIVSAVLKIPSA  
EGRWKACNTCASHLMVVTLFGTALFVYLRPSSSYLL  
GRDKVVSFVYSLVIMPLNPLIYSLRNKEIKDALWKVLER  
KKVFS
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 61.6

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: 219982

Gene Symbol: OR5A1

Gene Alias: OR11-249, OR5A1P, OST181

Gene Summary: Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms. [provided by RefSeq]