



# 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

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## Datasheet

### TAS2R3 (Human) Recombinant Protein (P01)

**Catalog Number:** H00050831-P01

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

**Product Description:** Human TAS2R3 full-length ORF (NP\_058639.1, 1 a.a. - 316 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
MMGLTEGVFLILSGTQFTLGILVNCFIELVNGSSWFKTK  
RMSLSDFIITTLALLRIILLCCIILTDSFLIEFSPNTHDSGIIM  
QIIDVSWTFTNHLSIWLATCLGVLYCLKIASFSHPTFLW  
LKWRVSRVMVWMLL GALLSCGSTASLINEFKLYSVF  
RGIEATRVTEHFRKKRSEYYLIHVLGTLWYLPPLIVSL  
ASYSLIFSLGRHTRQMLQNGTSSRDPTTEAHKRAIRII  
LSFFFLFLLYFLAFLIASFGNFLPKTKMAKMIGEVMTMF  
YPAGHSFILILGNSKCLKQTFVVMLRCESGHLKPGSKGP  
IFS
```

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

**Theoretical MW (kDa):** 62.3

**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:** 50831

**Gene Symbol:** TAS2R3

**Gene Alias:** T2R3

**Gene Summary:** This gene encodes a member of a family of candidate taste receptors that are members of the G protein-coupled receptor superfamily and that are specifically expressed by taste receptor cells of the tongue and palate epithelia. These apparently intronless taste receptor genes encode a 7-transmembrane receptor protein, functioning as a bitter taste receptor. This gene is clustered with another 3 candidate taste receptor genes in chromosome 7 and is genetically linked to loci that influence bitter perception. [provided by RefSeq]