



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Datasheet

### MS4A2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00002206-P01

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

**Product Description:** Human MS4A2 full-length ORF ( NP\_000130.1, 1 a.a. - 244 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
MDTESNRRANLALPQEPSSVPAFEVLEISPQEVSSGR  
LLKSASSPPLHTWLTVLKKEQFLGVTQILTAMICLCFG  
TVVCSVLDISHIEGDIFSSFKAGYPFWGAIFFSISGMLSII  
SERRNATYLVGRSLGANTASSIAGGTGITILINLKKSLA  
YIHIHSCQKFFETKCFMASFSTEIVVMMLFLTILGLGSA  
VSLTICGAGEELKGNKVPEDRVYEELNIYSATYSELED  
PGEMSPPIDL
```

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

**Theoretical MW (kDa):** 52.9

**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:** 2206

**Gene Symbol:** MS4A2

**Gene Alias:** APY, ATOPY, FCER1B, FCERI, IGEL, IGER, IGHHER, MS4A1

**Gene Summary:** The allergic response involves the binding of allergen to receptor-bound IgE followed by cell activation and the release of mediators responsible for the manifestations of allergy. The IgE-receptor, a tetramer composed of an alpha, beta, and 2 disulfide-linked gamma chains, is found on the surface of mast cells and basophils. This gene encodes the beta subunit of the high affinity IgE receptor which is a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. This family member is localized to 11q12, among a cluster of family members. Alternative splicing results in multiple transcript variants encoding different isoforms]