



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### SLC9A1 (Human) Recombinant Protein (Q01)

neurotransmitters, tumor promoters, and others (Mattei et al., 1988 [PubMed 2846238]).[supplied by OMIM]

**Catalog Number:** H00006548-Q01

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

**Product Description:** Human SLC9A1 partial ORF (AAH12121, 31 a.a. - 130 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

VLRSHGLQLSPTASTIRSSEPPRERSIGDVTTAPPEVT  
PESRPVNHSVTDHGMKPRKAFPVLGIDYTHVRTPF EIS  
LWILLACLMKIGFHV IPTISSIVP

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

**Theoretical MW (kDa):** 36.41

**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:** 6548

**Gene Symbol:** SLC9A1

**Gene Alias:** APNH, FLJ42224, NHE1

**Gene Summary:** The Na<sup>+</sup>/H<sup>+</sup> antiporter (SLC9A1) is a ubiquitous membrane-bound enzyme involved in pH regulation of vertebrate cells. It is specifically inhibited by the diuretic drug amiloride and activated by a variety of signals including growth factors, mitogens,