



# 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

### CHRNA1 (Human) Recombinant Protein (Q01)

**Catalog Number:** H00001140-Q01

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

**Product Description:** Human CHRNA1 partial ORF ( NP\_000738, 24 a.a. - 128 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

SEAEGRLREKLFSGYDSSVRPAREVGDRVRVSVGLIL  
AQLISLNEKDEEMSTKVYLDLEWTDYRLSWDPAEHDG  
IDSLRITAESVWLPDVLLNNDGNFDVALD

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

**Theoretical MW (kDa):** 37.29

**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:** 1140

**Gene Symbol:** CHRNA1

**Gene Alias:** ACHRB, CHRNA, CMS1D, CMS2A, SCCMS

**Gene Summary:** The muscle acetylcholine receptor is composed of five subunits: two alpha subunits and one beta, one gamma, and one delta subunit. This gene encodes the beta subunit of the acetylcholine receptor.

The acetylcholine receptor changes conformation upon acetylcholine binding leading to the opening of an ion-conducting channel across the plasma membrane. Mutations in this gene are associated with slow-channel congenital myasthenic syndrome. [provided by RefSeq]