



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

### EDNRB (Human) Recombinant Protein (Q02)

**Catalog Number:** H00001910-Q02

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

**Product Description:** Human EDNRB partial ORF (AAH14472.1, 27 a.a. - 101 a.a.) recombinant protein with GST tag at N-terminal.

**Sequence:**

EERGFPPDRATPLLQTAEIMTPPTKTLWPKGSNASLA  
RSLAPAEVPGDRTAGSPRTISPPPCQGPPIEKETFK

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

**Theoretical MW (kDa):** 33.88

**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:** 1910

**Gene Symbol:** EDNRB

**Gene Alias:** ABCDS, ETB, ETBR, ETRB, HSCR, HSCR2

**Gene Summary:** The protein encoded by this gene is a G protein-coupled receptor which activates a phosphatidylinositol-calcium second messenger system. Its ligand, endothelin, consists of a family of three potent vasoactive peptides: ET1, ET2, and ET3. Studies

suggest that the multigenic disorder, Hirschsprung disease type 2, is due to mutations in the endothelin receptor type B gene. Three transcript variants encoding two different isoforms have been found for this gene. While both isoforms bind ET1, they exhibit different responses upon binding, suggesting that they may be functionally distinct. [provided by RefSeq]