



# 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

### EDN3 (Human) Recombinant Protein (P01)

**Catalog Number:** H00001908-P01

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

**Product Description:** Human EDN3 full-length ORF (AAH08876, 1 a.a. - 238 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
MEPGLWLLFGLTVTSAAGFVPCSQSGDAGRRRGVSQA  
PTAARSEGDCEETVAGPGEETVAGPGEGTVAPTALQ  
GPSPGSPGQEQAAEGAPEHHRSSRRCTCFTYKDKECV  
YYCHLDIIWINTPEQTPYGLSNYRGSFRGKRSAGPLP  
GNLQLSHRPHLRACVGRYDKACLHFCTQTLDVSSNS  
RTAEKTDKEEGKVEVKDQQSKQALDLHHPKLMPGS  
GLALAPSTCPRCLFQEGAP
```

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

**Theoretical MW (kDa):** 51.92

**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:** 1908

**Gene Symbol:** EDN3

**Gene Alias:** ET3, MGC15067, MGC61498

**Gene Summary:** The protein encoded by this gene is a

member of the endothelin family. Endothelins are endothelium-derived vasoactive peptides involved in a variety of biological functions. The active form of this protein is a 21 amino acid peptide processed from the precursor protein. The active peptide is a ligand for endothelin receptor type B (EDNRB). The interaction of this endothelin with EDNRB is essential for development of neural crest-derived cell lineages, such as melanocytes and enteric neurons. Mutations in this gene and EDNRB have been associated with Hirschsprung disease (HSCR) and Waardenburg syndrome (WS), which are congenital disorders involving neural crest-derived cells. Four alternatively spliced transcript variants encoding three distinct isoforms have been observed. [provided by RefSeq]