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


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# EDN3 293T Cell Transient Overexpression Lysate(Denatured)

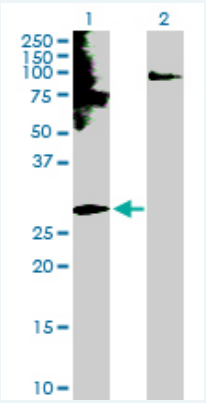
**Catalog # :** H00001908-T01 **規格 :** [ 100 uL ]

List All

## Specification

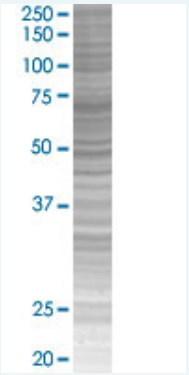
| | |
|---|---|
| **Transfected Cell Line:** | 293T |
| **Plasmid:** | pCMV-EDN3 full-length |
| **Host:** | Human |
| **Theoretical MW (kDa):** | 25.5 |
| **Quality Control Testing:** | Transient overexpression cell lysate was tested with Anti-EDN3 antibody (H00001908-D01P) by Western Blots. |

**Western Blot**




Lane 1: EDN3 transfected lysate ( 25.50 KDa)
Lane 2: Non-transfected lysate.

**SDS-PAGE Gel**




EDN3 transfected lysate.

| | |
|---|---|
| **Storage Buffer:** | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue) |
| **Storage Instruction:** | Store at -80°C. Aliquot to avoid repeated freezing and thawing. |
| **MSDS:** | Download |

## Applications

## Application Image

Western Blot

**Western Blot**

## Gene Information

| | |
|---|---|
| **Entrez GeneID:** | 1908 |
| **GeneBank Accession#:** | NM_000114.2 |
| **Protein Accession#:** | NP_000105.1 |
| **Gene Name:** | EDN3 |
| **Gene Alias:** | ET3,MGC15067,MGC61498 |
| **Gene Description:** | endothelin 3 |
| **Omim ID:** | 131242, 142623, 209880, 277580 |
| **Gene Ontology:** | Hyperlink |
| **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 |
| **Other Designations:** | OTTHUMP00000031420,truncated endothelin 3 |

## Gene Pathway

Hypertrophic cardiomyopathy (HCM) Neuroactive ligand-receptor interaction Vascular smooth muscle contraction

## Related Disease

Cardiovascular Diseases Cystic Fibrosis Diabetes Mellitus, Type 2 Down Syndrome Edema Genetic Predisposition to Disease Hirschsprung Disease Sleep Apnea, Obstructive