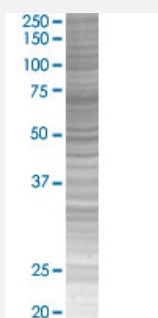


EDN3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001908-T01

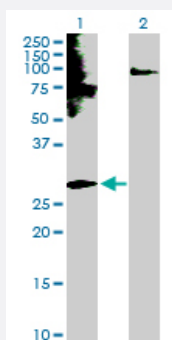
Size 100 uL

Applications



SDS-PAGE Gel

EDN3 transfected lysate.



Western Blot

Lane 1: EDN3 transfected lysate (25.50 KDa)

Lane 2: Non-transfected lysate.

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.
SDS-PAGE Gel
EDN3 transfected lysate.
Western Blot
Lane 1: EDN3 transfected lysate (25.50 KDa)
Lane 2: Non-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.

Applications

- Western Blot

Gene Info — EDN3

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

Pathway

- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [Neuroactive ligand-receptor interaction](#)

- [Vascular smooth muscle contraction](#)

Disease

- [Cardiovascular Diseases](#)
- [Cystic Fibrosis](#)
- [Diabetes Mellitus](#)
- [Down Syndrome](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hirschsprung Disease](#)
- [Sleep Apnea](#)