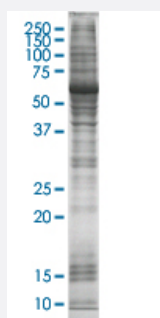


EDN1 HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

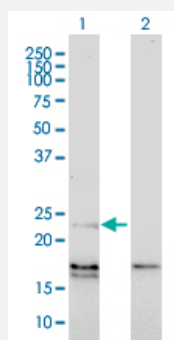
Catalog # L080T6 Size 100 ug

Applications



SDS-PAGE Gel

EDN1 transfected lysate



Western Blot

Lane 1: EDN1 transfected lysate (24 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	HEK293
Plasmid	pCMV-EDN1 full length
Host	Human
Theoretical MW (kDa)	24
Lysis Buffer	Modified RIPA Lysis Buffer:50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF.
Concentration	2 mg/ml

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-EDN1 antibody ([H00001906-M01](#)) by Western Blots.
SDS-PAGE Gel
EDN1 transfected lysate
Western Blot
Lane 1: EDN1 transfected lysate (24 KDa).
Lane 2: Non-transfected lysate.

Recommend Usage

Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.

Storage Buffer

In modified RIPA Lysis Buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunoprecipitation

[Protocol Download](#)

Gene Info — EDN1

Entrez GeneID [1906](#)

GeneBank Accession# [BC009720](#)

Protein Accession# [AAH09720](#)

Gene Name EDN1

Gene Alias ET1, HDLCQ7

Gene Description endothelin 1

Omim ID [131240](#)

Gene Ontology [Hyperlink](#)

Other Designations OTTHUMP00000016038|OTTHUMP00000039245

Pathway

- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [Melanogenesis](#)
- [Neuroactive ligand-receptor interaction](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Abortion](#)
- [Albuminuria](#)
- [Altitude Sickness](#)
- [Alzheimer disease](#)
- [Anemia](#)
- [Angina Pectoris](#)
- [Anoxia](#)
- [Arrhythmias](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Auditory Threshold](#)
- [Brain Infarction](#)
- [Brain Ischemia](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Calcinosis](#)
- [Cardiac Output](#)

- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)
- [Chest Pain](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Cystic Fibrosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Glomerulonephritis](#)
- [Hearing Loss](#)
- [Heart Failure](#)
- [Hepatitis B](#)
- [Hypercholesterolemia](#)

- [Hypersensitivity](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Hypoplastic Left Heart Syndrome](#)
- [Infant](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Intracranial Thrombosis](#)
- [Ischemia](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Leukoaraiosis](#)
- [Liver Cirrhosis](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Mood Disorders](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)

- [Pain](#)
- [Periodontitis](#)
- [Peripheral Vascular Diseases](#)
- [Polycystic Kidney](#)
- [Polycystic kidney disease](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Psoriasis](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Renal Insufficiency](#)
- [Respiratory Syncytial Virus Infections](#)
- [Sarcoidosis](#)
- [Scleroderma](#)
- [Skin Neoplasms](#)
- [Sleep Apnea](#)
- [Stress](#)
- [Stroke](#)
- [Sudden Infant Death](#)
- [Syncope](#)
- [Thromboangiitis Obliterans](#)
- [Urinary Bladder Neoplasms](#)
- [Vascular Diseases](#)
- [Vision Disorders](#)
- [Vitiligo](#)
- [Werner syndrome](#)