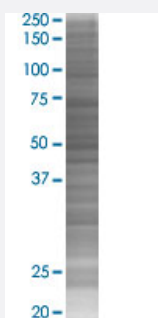


NPPB 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004879-T01

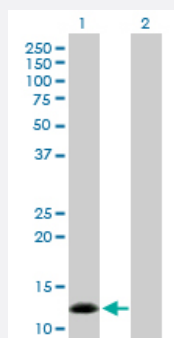
Size 100 uL

Applications



SDS-PAGE Gel

NPPB transfected lysate.



Western Blot

Lane 1: NPPB transfected lysate (14.70 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-NPPB full-length

Host Human

Theoretical MW (kDa) 14.7

Quality Control Testing Transient overexpression cell lysate was tested with Anti-NPPB antibody ([H00004879-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 NPPB transfected lysate.
 Western Blot
 Lane 1: NPPB transfected lysate (14.70 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 — NPPB

Entrez GeneID	4879
GeneBank Accession#	NM_002521
Protein Accession#	NP_002512.1
Gene Name	NPPB
Gene Alias	BNP
Gene Description	natriuretic peptide precursor B
Omim ID	600295
Gene Ontology	Hyperlink

Gene Summary	This gene is a member of the natriuretic peptide family and encodes a secreted protein which functions as a cardiac hormone. The protein undergoes two cleavage events, one within the cell and a second after secretion into the blood. The protein's biological actions include natriuresis, diuresis, vasorelaxation, inhibition of renin and aldosterone secretion, and a key role in cardiovascular homeostasis. A high concentration of this protein in the bloodstream is indicative of heart failure. Mutations in this gene have been associated with postmenopausal osteoporosis. [provided by RefSeq]
---------------------	--

Other Designations	OTTHUMP00000002506 OTTHUMP00000044486 brain type natriuretic peptide natriuretic protein
---------------------------	--

Pathway

- [Vascular smooth muscle contraction](#)

Disease

- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Heart Failure](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Insulin Resistance](#)
- [Kidney Diseases](#)
- [Liver Cirrhosis](#)
- [Mental Disorders](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Renal Artery Obstruction](#)
- [Ventricular Dysfunction](#)