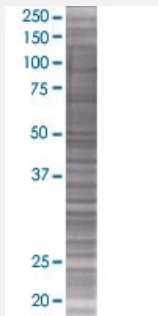


NPHS2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007827-T01

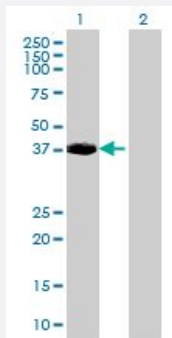
Size 100 uL

Applications



SDS-PAGE Gel

NPHS2 transfected lysate.



Western Blot

Lane 1: NPHS2 transfected lysate (34.4 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-NPHS2 full-length
Host	Human
Theoretical MW (kDa)	34.4
Interspecies Antigen Sequence	Mouse (80)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-NPHS2 antibody ([H00007827-B01](#)) by Western Blots.
SDS-PAGE Gel
NPHS2 transfected lysate.
Western Blot
Lane 1: NPHS2 transfected lysate (34.4 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 — NPHS2

Entrez GeneID[7827](#)**GeneBank Accession#**[BC029141](#)**Protein Accession#**[AAH29141](#)**Gene Name**

NPHS2

Gene Alias

PDCN, SRN1

Gene Description

nephrosis 2, idiopathic, steroid-resistant (podocin)

Omim ID[600995 604766](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes the glomerular protein podocin which plays a role in the regulation of glomerular permeability, and acts as a linker between the plasma membrane and the cytoskeleton. Defects in this gene are the cause of autosomal recessive steroid-resistant nephrotic syndrome (SRN). SRN is characterized by onset between three months and five years, resistance to steroid therapy and rapid progression to end-stage renal disease. An alternative splice variant has been described but its full length sequence has not been determined. [provided by RefSeq]

Other Designations

OTTHUMP00000033186|podocin

Disease

- [Albuminuria](#)
- [Alport syndrome](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Eye Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Glomerulosclerosis](#)
- [Hypertension](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Nephritis](#)
- [Nephrosis](#)
- [Nephrotic Syndrome](#)
- [Obesity](#)
- [Proteinuria](#)
- [Purpura](#)
- [Tobacco Use Disorder](#)