

Product datasheet for **SC335292**

NPHS2 (NM_001297575) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NPHS2 (NM_001297575) Human Untagged Clone
Tag:	Tag Free
Symbol:	NPHS2
Synonyms:	PDCN; SRN1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Restriction Sites:	Sgfl-MluI
ACCN:	NM_001297575
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001297575.1, NP_001284504.1</u>
RefSeq Size:	1692 bp
RefSeq ORF:	948 bp
Locus ID:	7827


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UniProt ID: [Q9NP85](#)

Cytogenetics: 1q25.2

Protein Families: Transmembrane

Gene Summary: This gene encodes a protein that plays a role in the regulation of glomerular permeability. Mutations in this gene cause steroid-resistant nephrotic syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]
Transcript Variant: This variant (2) lacks an alternate in-frame exon, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.