

# Nphs2-R231Q

<b>Nomenclature</b>	C57BL/6Smoc- <i>Nphs2</i> <sup>em1(R231Q)Smoc</sup>
<b>Cat. NO.</b>	NM-KI-200277
<b>Strain State</b>	Sperm cryopreservation

## Gene Summary

<b>Gene Symbol</b> <b>Nphs2</b>	<b>Synonyms</b>	PDCN, SRN1
	<b>NCBI ID</b>	<a href="#">170484</a>
	<b>MGI ID</b>	<a href="#">2157018</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000026602</a>
	<b>Human Ortholog</b>	NPHS2

## Model Description

These mice carry a R231Q mutation of Nphs2 gene.

\*Literature published using this strain should indicate: Nphs2-R231Q mice (Cat. NO. NM-KI-200277) were purchased from Shanghai Model Organisms Center, Inc..

## Disease Connection

<b>Hereditary Glomerular Disease</b>	<b>Phenotype(s)</b>	
	<b>Reference(s)</b>	A molecular mechanism explaining albuminuria in kidney disease. Nature Metabolism volume 2, pages461-474 (2020)

## Validation Data

No data