

Recombinant Full Length Human NPHS2 Protein, C-Flag-tagged

Cat. No. NPHS2-1841HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Human NPHS2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.

Species

Human

Source

Mammalian Cells

Description

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.

Form

25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Molecular Mass

42 kDa

AA Sequence

MERRARSSSRESRGRGGRTPHKENKRAKAERSGGGRGRQEAGPEPSGSGRAGT
 PGEPRAPAATVVDVDEV RGSGEEGTEVVALLESERPEEGTKSSGLGACEWLLVLIS
 LLFIIMTFPFSIWFCVKVQYERVIIIFRLG HLLPGRAKGPGLFFFLPCLDTYHKVDLR
 LQTL EIPFHEIVTKDMFIMEIDAICYR MENASLLLSSLAHV SKAVQFLVQTTMKRLLA
 HRSLTEILLERKSIAQDAKVALDSVTCIWGIKVERIEIKDVRLPAGLQHS LAV EAEAQR
 QAKVRMIAAEA EKAASESLRMAAEILSGTPAAVQLRYLHTLQSLST EKPSTVVLPLPF
 DLLNCL SSPSNRTQGS LPPSPSKPVEPLNPKKKD SPML TRTRPLEQKLISEEDLAA
 NDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	NPHS2 NPHS2 stomatin family member, podocin [Homo sapiens (human)]
Official Symbol	NPHS2
Synonyms	PDCN; SRN1
Gene ID	7827
mRNA Refseq	NM_014625.4
Protein Refseq	NP_055440.1
MIM	604766

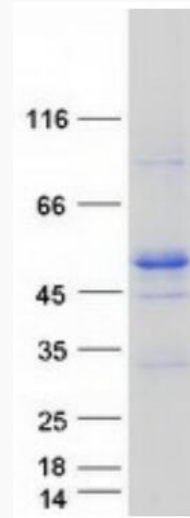
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UniProt ID

Q9NP85



Coomassie blue staining of purified NPHS2 protein.

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