

Recombinant Human NPHS2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NPHS2-2142H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NPHS2 MS Standard C13 and N15-labeled recombinant protein (NP_055440) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	42 kDa
AA Sequence	MERRARSSSRESRGRGGRTPHKENKRAKAERSGGGRGRQEAGPEPSGSGRAGT PGEPRAPAATVVDVDEVVSGEETEVVALLESERPEEGTKSSGLGACEWLLVLIS LLFIIMTFPFSIWFCVKVQYERVIIFRLGHLLPGRAGPGLFFFFLPCLDTYHKVDLRL QTLEIPFHEIVTKDMFIMEIDAICYRMENASLLLSSLAHVSKAVQFLVQTTMKRLLAH RSLTEILLERKSIAQDAKVALDSVTCIWGIKVERIEIKDVRLPAGLQHS�AVEAEAQRQ AKVRMIAAEAEKAASESLRMAAEILSGTPAAVQLRYLHTLQSLSTEKPSTVVLPLPFD LLNCLSSPSNRTQGSLPFPSPSKPVEPLNPKKKDSPMLTRTRPLEQKLISEEDLAAN DILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	NPHS2 podocin [Homo sapiens (human)]
Official Symbol	NPHS2
Synonyms	NPHS2; NPHS2 stomatin family member, podocin; PDCN; SRN1; podocin; NPHS2, podocin; nephrosis 2, idiopathic, steroid-resistant (podocin)
Gene ID	7827
mRNA Refseq	NM_014625
Protein Refseq	NP_055440
MIM	604766
UniProt ID	Q9NP85

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