

Product datasheet for PH312676

NPHS2 (NM_014625) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NPHS2 MS Standard C13 and N15-labeled recombinant protein (NP_055440)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212676
Predicted MW:	42 kDa
Protein Sequence:	>RC212676 representing NM_014625 Red=Cloning site Green=Tags(s) MERRARSSRESRGRGGRTPHKENKRAKAERSGGGRQEAGPEPSGSRAGTGPGEPRAPAATVVDVDEV RSGEETEVVALLESERPEEGTKSSGLGACEWLLVLIISLLFIIMTFPFSIWFCVKVVQEYERVIIFRLG HLLPGRAKGPGLFFFLPCLDTYHKVDLRLQTLEIPFHEIVTKDMFIMEIDAICYRMENASLLSSLAHV SKAVQFLVQTTMKRLLAHRSLTEILLERKSIAQDAKVALDSVTCIWGIKVERIEIKDVRLPAGLQHSLAV EAEAQRQAKVRMIAAAEKAASESLRMAAEILSGTPAAVQLRYLHTLQSLSTKEPSTVVLPLPFDLLNCL SSPSNRTQGSLPFPSPSKPVEPLNPKKKDSPML TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_055440
RefSeq Size:	1853
RefSeq ORF:	1149
Synonyms:	PDCN; SRN1
Locus ID:	7827



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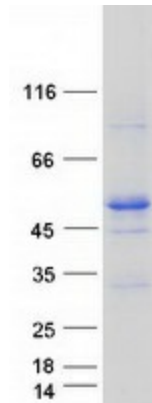
UniProt ID: [Q9NP85](#)

Cytogenetics: 1q25.2

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]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified NPHS2 protein (Cat# [TP312676]). The protein was produced from HEK293T cells transfected with NPHS2 cDNA clone (Cat# [RC212676]) using MegaTran 2.0 (Cat# [TT210002]).