

Product datasheet for TP312676M

NPHS2 (NM_014625) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human nephrosis 2, idiopathic, steroid-resistant (podocin) (NPHS2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212676 representing NM_014625 Red=Cloning site Green=Tags(s)

MERRARSSSRESRGRGGRTPHKENKRAKAERSGGGRGRQEAGPEPSGSGRAGTPGEPRAPAATWVDVDEV
RGSGEEGTEVVALLESERPEEGTKSSGLGACEWLLVLISLLFIIMTFPFSIWFCVKVQYEVERVIFRLG
HLLPGRAKGPGFLFFFLPCLDITYHKVDLRLQTLLEIPFHEIVTKDMFIMEIDAICYRMENASLLSLSLAHV
SKAVQFLVQTTMKRLLAHRSLTEILLERKSIAQDAKVALDSVTCIWIWIKVERIEIKDVRLPAGLQHS LAV
EAEAQRQAKVRMIAAEA EKAASESLRMAAEILSGTPAAVQLRYLHTLQSLSTEKPSTVVLPLPFDLLNCL
SSPSNRTQGSLPFPSPSKPVEPLNPKKKDSPML

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

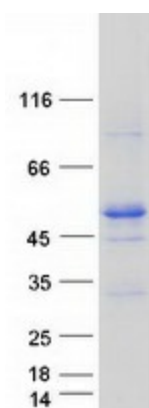
Tag:	C-Myc/DDK
Predicted MW:	42 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055440



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Locus ID:	7827
UniProt ID:	Q9NP85
RefSeq Size:	1853
Cytogenetics:	1q25.2
RefSeq ORF:	1149
Synonyms:	PDCN; SRN1
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]).