

Product datasheet for **TP312676**

NPHS2 (NM_014625) Human Recombinant Protein

Product data:

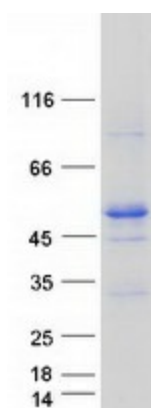
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|--|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human nephrosis 2, idiopathic, steroid-resistant (podocin) (NPHS2), 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC212676 representing NM_014625 Red =Cloning site Green =Tags(s) |
| | MERRARSSSRESRGRGGRTPHKENKRAKAERSGGGRGRQEAGPEPSGSGRAGTPGEPRAPAATVWDVDEV RGSGEEGTEVVALLESERPEEGTKSSGLGACEWLLVLISLLFIIMTFPFSIWFCVKVQYEVERVIFRLG HLLPGRAKGPGFLFFFLPCLDITYHKVDLRLQTLFHEIVTKDMFIMEIDAICYRMENASLLSLSLAHV SKAVQFLVQTTMKRLLAHRSLTEILLERKSIAQDAKVALDSVTCIWGIKVERIEIKDVRLPAGLQHSLAV EAEAQRQAKVRMIAAEA EKAASESLRMAAEILSGTPAAVQLRYLHTLQSLSTKEPSTVVLPLPFDLLNCL 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: | <u>NP_055440</u> |



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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]).