



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### NPHS2 (Human) Recombinant Protein

**Catalog Number:** P9405

**Regulation Status:** For research use only (RUO)

**Product Description:** Human NPFS2 (Q9NP85, 125 a.a. - 383 a.a.) partial recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.

**Sequence:**

MKHHHHHHASVKVVQEYERVIIFRLGHLLPGRAKGPG  
LFFFLPCLDTHYHKVDLRLQTLFHEIVTKDMFIMEIDAI  
CYYRMENASLLSSLAHVSKAVQFLVQTTMKRLLAHR  
SLTEILLERKSIAQDAKVALDSVTCIWGIKVERIEIKDVR  
LPAGLQHSLAVEAEAQKQAKVRMIAAEAEKAASESLR  
MAAEILSGTPAAVQLRYLHTLQSLSTEKPSTVVLPLPF  
DLLNCLSSPSNRTQGSLPFPSPSKPVEPLNPKKKDSP  
ML

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 30.2

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Lyophilized

**Preparation Method:** *Escherichia coli* expression system

**Purity:** > 95.0% by SDS-PAGE

**Recommend Usage:** Biological Activity  
SDS-PAGE  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In 0.1 M Acetate buffer pH 4.0

**Storage Instruction:** Store at 2°C to 8°C for 1 week.  
For long term storage, aliquot and store at -20°C to -80°C.  
Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 7827

**Gene Symbol:** NPFS2

**Gene Alias:** PDCN, SRN1

**Gene Summary:** This gene encodes the glomerular protein podocin which plays a role in the regulation of glomerular permeability, and acts as a linker between the plasma membrane and the cytoskeleton. Defects in this gene are the cause of autosomal recessive steroid-resistant nephrotic syndrome (SRN). SRN is characterized by onset between three months and five years, resistance to steroid therapy and rapid progression to end-stage renal disease. An alternative splice variant has been described but its full length sequence has not been determined. [provided by RefSeq]