

Podocin (PDCN) Recombinant Protein | PDCN recombinant protein

Recombinant Podocin (PDCN)

CATALOG # AAA152151	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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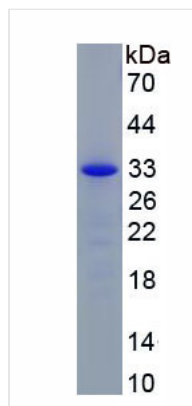
PRODUCT SYNONYMS

Podocin (PDCN); Recombinant Podocin (PDCN); PDCN/Podocin; NPHS2; NPHS-2; Nephrosis 2; Idiopathic Steroid-Resistant; PDCN recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Cys124~Leu 383
Applicable Applications for PDCN recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Isoelectric Point	9
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Secreted
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Sequence

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CVKVVQYERYVITFRGLHLPGRAGPGLFFFLPCLDTYHKVDLRLOTLEIPHEIVTKDMFMEIDATCYVRHNASLLLSLAHVS
KAVQFLVQTTMKRLLAHRSLEILLERKSTAQDAKVALDSVTCINGIKVERIEIKDRLPAGLQHSIAVEAEARQAKVRMTAAEAER
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SDS-PAGE
SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for PDCN recombinant protein	Infection immunity; Kidney biomarker; Prokaryotic Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7657615
NCBI GeneID	7827
NCBI Accession #	NP_055440.1
NCBI GenBank Nucleotide #	NM_014625.2
UniProt Accession #	Q9NP85; Q8N6Q5; B1AM32; B1AM33
Molecular Weight	42,201 Da
NCBI Official Full Name	podocin
NCBI Official Synonym Full Names	nephrosis 2, idiopathic, steroid-resistant (podocin)
NCBI Official Symbol	NPHS2
NCBI Official Synonym Symbols	PDCN; SRN1
NCBI Protein Information	podocin
UniProt Protein Name	Podocin
UniProt Gene Name	NPHS2
UniProt Entry Name	PODO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/nphs2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/152151>