

Podocin (NPHS2) Recombinant Protein | NPHS2 recombinant protein

Recombinant Human Podocin (NPHS2)

CATALOG #
AAA116948

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Podocin (NPHS2); Recombinant Human Podocin (NPHS2); Podocin; NPHS2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	124-383aa; Partial
Sequence	CVKVVQEYER VIIFRLGHLL PGRAKGPGLF FFLPCLDTYH KVDLRLQTL E IPFHEIVTKD MFIMEIDAIC YYRMENASLL LSSLAHVSKA VQFLVQTTMK RLLAHRSLTE ILLERKSIAQ DAKVALDSVT CIWGIKVERI EIKDVRLPAG LQHSLAVEAE AQRQAKVRMI AAEEKAASE SLRMAAEILS GTPAAVQLRY LHTLQSLSTE KPSTVVLPLP FDLLNCLSSP SNRTQGSPLP PPSKPV EPL NPKKKDSPML
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for NPHS2 recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7657615
NCBI GeneID	7827
NCBI Accession #	NP_055440.1
NCBI GenBank Nucleotide #	NM_014625.3
UniProt Accession #	Q9NP85; Q8N6Q5; B1AM32; B1AM33
Molecular Weight	34,421 Da
NCBI Official Full Name	podocin isoform 1
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://stage.aaabiotech.com/nphs2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116948>