

Podocin (PDCN) Recombinant Protein | PDCN recombinant protein

Recombinant Podocin (PDCN)

CATALOG # AAA134558	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Podocin (PDCN); Recombinant Podocin (PDCN); PDCN recombinant protein

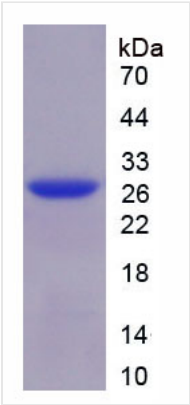
PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	Freeze-dried powder; PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	200ug/mL (varies by lot)
Applicable Applications for PDCN recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ile138~Pro371
Tags	N-terminal His Tag
Subcellular Location	Membrane
Predicted isoelectric point	8.8
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES

IFR LGHLLPGRAK
GPGLFFFLPC LDTYHKVDLR LQTEIPFHE VVKDMFIME IDAVCYRME
NASLLSSLA HVSKAIQFLV QTTMKRLAH RSLTEILLER KSIAQDVKVA
LDAVTCINGI KVERTEIKDV RLPAGLQHSI AVEAEAQRQA KVRVIAAEGE
KAASESLRMA AEILSGTPAA VQLRYLHTLQ SLSTEKPATV VLPLPDMLS
LLSSPGNRAQ GSINYPSSSK P

Gene Sequence



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	18485514
NCBI GeneID	170484
NCBI Accession #	NP_569723.1
NCBI GenBank Nucleotide #	NM_130456.3
UniProt Accession #	Q91X05; Q8BWE6; Q91Z95
Molecular Weight	Predicted Molecular Mass: 27.1kDa Accurate Molecular Mass: 27kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	podocin
NCBI Official Synonym Full Names	nephrosis 2, podocin
NCBI Official Symbol	Nphs2
NCBI Official Synonym Symbols	PDCN; SRN1; AI790225
NCBI Protein Information	podocin; nephrosis 2 homolog, podocin
UniProt Protein Name	Podocin
UniProt Gene Name	Nphs2
UniProt Entry Name	PODO_MOUSE

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.