

Recombinant Mouse Nphs2 protein, His-tagged

Cat. No. Nphs2-5643M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nphs2 aa. (Ile138~Pro371 (Accession # Q91X05)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ile138~Pro371
Form	Freeze-dried powder
Molecular Mass	30kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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°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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

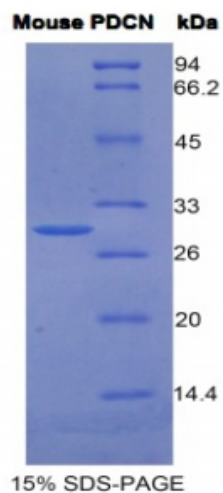
Gene Name	Nphs2 nephrosis 2, podocin [Mus musculus (house mouse)]
Official Symbol	Nphs2
Synonyms	Nphs2; nephrosis 2, podocin; PDCN; SRN1; nephrosis 2 homolog, podocin
Gene ID	170484
mRNA Refseq	NM_130456.4
Protein Refseq	NP_569723.1
UniProt ID	Q91X05

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SDS-PAGE



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