

Recombinant Human NPHS1 protein, His-tagged

Cat. No. NPHS1-5045H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NPHS1 protein(O60500) (Met1-Ser1055) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Ser1055
Tag	C-His
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant Human NPHS1 consists of 1044 amino acids and predicts a molecular mass of 113.07 kDa. It migrates as an approximately 135.92 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	≥ 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	NPHS1 nephrosis 1, congenital, Finnish type (nephrin) [Homo sapiens]
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Official Symbol	NPHS1
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Synonyms	NPHS1; nephrosis 1, congenital, Finnish type (nephrin); nephrin; CNF; NPHN; renal glomerulus-specific cell adhesion receptor;
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Gene ID	4868
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mRNA Refseq	NM_004646
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Protein Refseq	NP_004637
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MIM	602716
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UniProt ID	O60500
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