

Recombinant Human NPHS1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human NPHS1 protein(Met1-Ser1055), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-1055 aa
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	113.07 kDa
Endotoxin	< 1 EU/μg of the protein by LAL method.
Purity	≥ 90 % as determined by SDS-PAGE.
Storage	Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5%

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HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

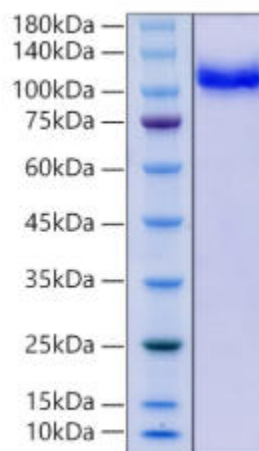
Gene Name	NPHS1 nephrosis 1, congenital, Finnish type (nephrin) [Homo sapiens]
Official Symbol	NPHS1
Synonyms	NPHS1; nephrosis 1, congenital, Finnish type (nephrin); nephrin; CNF; NPHN; renal glomerulus-specific cell adhesion receptor;
Gene ID	4868
mRNA Refseq	NM_004646
Protein Refseq	NP_004637
MIM	602716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

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SDS-PAGE



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