

Recombinant Mouse Nphs1 protein, His-tagged

Cat. No. Nphs1-4595M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nphs1 protein(Q9QZS7)(36-250 aa), fused with C-terminal His tag, was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	36-250 aa
Form	For liquid formulations, the standard storage buffer consists of a Tris or PBS based solution supplemented with 5-50% glycerol. When provided as lyophilized powder, the product undergoes freeze-drying from a Tris- or PBS-based formulation containing 6% trehalose, adjusted to pH 8.0 prior to the lyophilization process.
Molecular Mass	29.6 kDa
AASequence	AQSPVPTSAPRGFWALSENLTVEGSTVKLWCGVRAPGSVVQWAKDGLLLGPNPK IPGFPRYSLEGDSAKGEFHLLIEACDLSDDAEYECQVGRSELGPELVSPSVILSILVSP KVLQLTPEAGSTVTWVAGQEYVVTCTVSGDAKPAPDIIFIQGGRTVEDVSSSVNEGSE EKLFFTEAEARVTPQSSDNGQLLVCEGSNPALATPIKASFTMNI
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.

GENE INFORMATION

Gene Name [Nphs1 nephrosis 1 homolog, nephrin \(human\) \[Mus musculus \]](#)

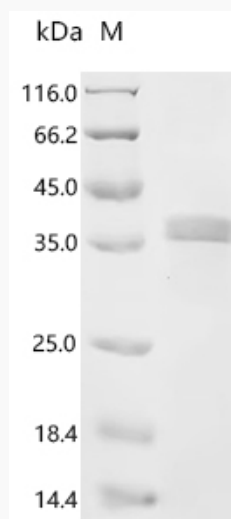
Official Symbol [Nphs1](#)

Synonyms NPHS1; nephrosis 1 homolog, nephrin (human); nephrin; nephrin 1; renal glomerulus-specific cell adhesion receptor; NephrinB;

Gene ID [54631](#)

mRNA Refseq [NM_019459](#)

Protein Refseq [NP_062332](#)

SDS-PAGE


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