

Recombinant Mouse Nphs1 protein, His-tagged

Cat. No. Nphs1-5641M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nphs1 aa. (Pro39~Ser144 (Accession # Q9QZS7)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Pro39~Ser144
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 12.8kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.4.
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, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

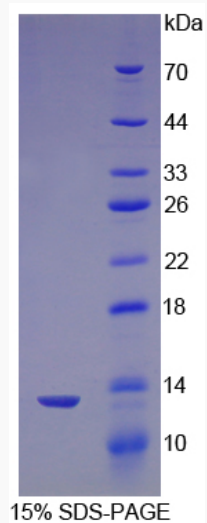
Gene Name	Nphs1 nephrosis 1, nephrin [Mus musculus (house mouse)]
Official Symbol	Nphs1
Synonyms	Nphs1; nephrosis 1, nephrin; NephrinB; nephrin 1; nephrosis 1 homolog, nephrin; renal glomerulus-specific cell adhesion receptor
Gene ID	54631
mRNA Refseq	NM_019459.2
Protein Refseq	NP_062332.2
UniProt ID	Q9QZS7

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SDS-PAGE



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