Recombinant Rat Nphs2 protein, His-tagged

Cat. No. Nphs2-5644R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Nphs2 aa. (Ser211~Val370 (Accession # Q8K4G9)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser211~Val370
Description	May play a role in renal glomerular capillary wall function.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 19.0kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.4.
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,

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	and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
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 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH2O.

GENE INFORMATION

Gene Name	Nphs2 NPHS2, podocin [Rattus norvegicus (Norway rat)]
Official Symbol	Nphs2
Synonyms	Nphs2; NPHS2, podocin; nephrosis 2 homolog, podocin; nephrosis 2, idiopathic, steroid-resistant
Gene ID	170672
mRNA Refseq	NM_130828.2
Protein Refseq	NP_570841.2
UniProt ID	Q8K4G9

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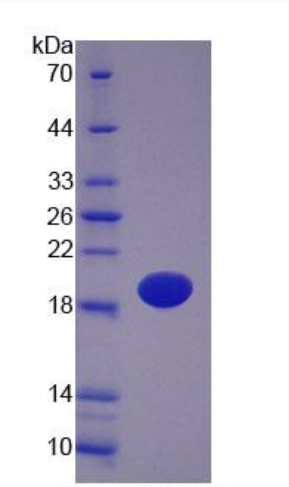
SDS-PAGE	 15% SDS-PAGE

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