

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 1g (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,

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

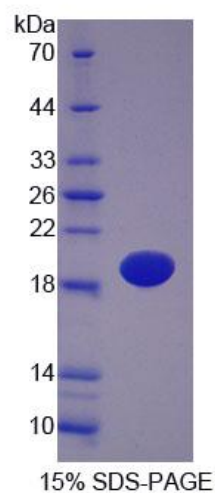
Q8K4G9

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA