

Recombinant Mouse Nphs2 protein, His-tagged

Cat. No. Nphs2-5643M Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Mouse Nphs2 aa. (Ile138~Pro371 (Accession # Q91X05)) fused with N-terminal His tag was produced in E. coli cells. |
| Species | Mouse |
| Source | E.coli |
| ProteinLength | Ile138~Pro371 |
| Form | Freeze-dried powder |
| Molecular Mass | 30kDa as determined by SDS-PAGE reducing conditions. |
| Endotoxin | <1.0EU per 1g (determined by the LAL method) |
| Purity | >95% |
| Characteristic | The isoelectric point is 8.8. |
| 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, pH 7.4, containing 5% sucrose. |
| Reconstitution | Reconstitute in sterile PBS, pH7.2-pH7.4. |

GENE INFORMATION

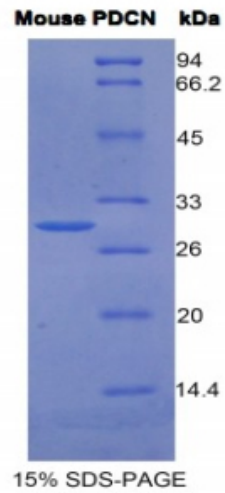
| | |
|------------------------|---|
| Gene Name | Nphs2 nephrosis 2, podocin [<i>Mus musculus</i> (house mouse)] |
| Official Symbol | Nphs2 |
| Synonyms | Nphs2; nephrosis 2, podocin; PDCN; SRN1; nephrosis 2 homolog, podocin |
| Gene ID | 170484 |
| mRNA Refseq | NM_130456.4 |
| Protein Refseq | NP_569723.1 |
| UniProt ID | Q91X05 |

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SDS-PAGE



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