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## Recombinant mouse NPHS2 protein

Catalog Number: bs-42149P

Concentration: 1mg/ml

Species: Mouse

AA Seq: 126-310/385

Predicted MW: 23.2 kDa

Tags: N-His

Activity: Not tested

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

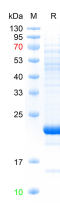
Storage: 20mM Tris (pH8.0) with 8M Urea.

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** Podocin is an important member of a group of proteins shown to be associated with the slit diaphragm. Podocin belongs to the band 7 stomatin family of lipid raft-associated proteins. It is a hairpin like integral membrane protein with intracellular N and C termini. Podocin is located at the insertion site of the slit membrane, and is thought to act as a scaffold protein required to maintain or regulate the structural integrity of the slit diaphragm. It plays a role in the regulation of glomerular permeability, acting probably as a linker between the plasma membrane and the cytoskeleton.

### VALIDATION IMAGES

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The purity of the protein is greater than 80% as determined by reducing SDS-PAGE.