

## Recombinant human Nephrin, His

Catalog Number: bs-41299P

Concentration: >0.5 mg/ml

AA Seq: 89-374/1252

Predicted MW: 30.5

Tags: His

Activity: Not tested

Endotoxin: Not analyzed

Purity: >95% as determined by SDS-PAGE

Purification: AC

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

**Background:** This gene encodes a member of the immunoglobulin family of cell adhesion molecules that functions in the glomerular filtration barrier in the kidney. The gene is primarily expressed in renal tissues, and the protein is a type-1 transmembrane protein found at the slit diaphragm of glomerular podocytes. The slit diaphragm is thought to function as an ultrafilter to exclude albumin and other plasma macromolecules in the formation of urine. Mutations in this gene result in Finnish-type congenital nephrosis 1, characterized by severe proteinuria and loss of the slit diaphragm and foot processes.[provided by RefSeq, Oct 2009]

### VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.