

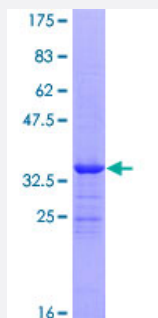
Full-Length

NPHP4 (Human) Recombinant Protein (P01)

Catalog # H00261734-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NPHP4 full-length ORF (AAH50076.1, 1 a.a. - 81 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MCGAFSTQAGAVEKTLFDISPAPGAPVGMLGEDPPVHVRCSDPNVICETQNVGPGEPDIFLKV ASGPSPEIKDFFVIYS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.9
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NPHP4

Entrez GeneID	261734
GeneBank Accession#	BC050076.1
Protein Accession#	AAH50076.1
Gene Name	NPHP4
Gene Alias	KIAA0673, SLSN4
Gene Description	nephronophthisis 4
Omim ID	606966 606996 607215
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein which contains a proline-rich region. The encoded protein may function in renal tubular development and function. This protein interacts with nephrocystin. Mutations in this gene are associated with nephronophthisis type 4. Multiple alternative transcript variants have been described but their full-length nature has not been determined. [provided by RefSeq]
Other Designations	nephrocystin 4 nephroretinin

Disease

- [Kidney Diseases](#)
- [Syndrome](#)
- [Tobacco Use Disorder](#)