

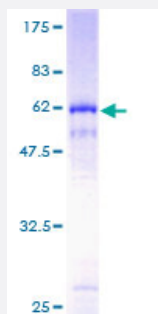
## Full-Length

# PKD1L2 (Human) Recombinant Protein (P01)

Catalog # H00114780-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human PKD1L2 full-length ORF ( AAH14157, 1 a.a. - 306 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MGEDSPVAMFSWYLDNTPTEQAEPLPDACRLRGFWPRSLTLLQSNSTLLLNSSFLQSRGEVIRI  
RATALTRHAYGEDTYIVTPPREVPACTIAPEEGTVLTSAIFCNASTALGPLEFCFCLESGSCLH  
CGPEPALPSVYLPLGEENNDFVLTVVISATNRAGDTQQTQAMAKVALGDTCTVEDVAFQAAVSEKI  
PTALQGEQGGPEQLQLAKAVSSMLNQEHEHQSGGQSLSIDVRQKVREHVLGSLSAVTTGLEDVQ  
RVQELAEVLREVTCTRSKELTPSAQGSCTMGDSWEGAPPAHVSHAR

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

59.4

### 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 — PKD1L2

Entrez GeneID [114780](#)

GeneBank Accession# [BC014157](#)

Protein Accession# [AAH14157](#)

Gene Name PKD1L2

Gene Alias DKFZp686J19100, FLJ45333, PC1L2

Gene Description polycystic kidney disease 1-like 2

Omim ID [607894](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a member of the polycystin protein family. The encoded protein contains 11 transmembrane domains, a latrophilin/CL-1-like GPCR proteolytic site (GPS) domain, and a polycystin-1, lipoxigenase, alpha-toxin (PLAT) domain. This protein may function as a component of cation channel pores. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** polycystin 1-like 2

## Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)

- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)