

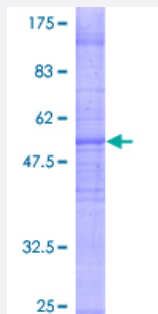
Full-Length

PKD2L1 (Human) Recombinant Protein (P01)

Catalog # H00009033-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PKD2L1 full-length ORF (AAH25665, 1 a.a. - 805 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MNAVGSPEGQELQKLGSRAWNPAYSGPPSPHGTLRVCTISSTGPLQPQPKKPEDEPQETAYR
TQVSSCCLHNCQGIRGLWGTTLTENTAENRELYKTTRELLVYVFLVDICLLTYGMTSSSAYYTKV
MSELFHTPSDTGVSFQAISSMADFWDFQAQGPLDSLWTKWYNNQSLGHGSHSFIYENMLLG
VPRLRQLKVRNDSCVVHEDFREDILSCYDVYSPDKEEQLPFGPFNGTAWTYHSQDELGGFSHW
GRLTSYSGGGYYLDLPGSRQGSALRALQEGWLDRGTRVVFIDFSVYNANINLFCVLRLLVVEFP
ATGGAIPSWQIRTVKLIRYVSNWDFVVGCEVIFCVFIFYVVEEILELHHRRLRYLSSIWNILDLVVILLI
VAVGFHIFRTLEVNRMLMGKLLQQPNTYADFEFLAFWQTQYNNMNAVNLFFAWIKIFYISFNKMTQ
LSSTLARCAKDILGFAVMFFVFFAYAQGLYLLFGTQVENFSTFKCIFTQFRILGDFDYNAINANRIL
GPAYFVTYVFFVFFVLLNMFLAIINDTYSEVKEELAGQKDELQLSDLLKQGYNKTLRLRLRKERS
DVQKVLQGGGEQEQFEDFTNTLRELGHAEHEITELTATFTKFDNRILDEKEQEKMRQDLEER
VALNTEIEKLGRSMSSPQKSGPEAARAGGWVSGEEFYMLTRVLQLETVLEGVVSQIDAVGSK
LKMLERKGLWAPSPGVKEQAWKHPQPAPAVTPDPWGVQGGQESEVPYKREEEALEERRLSR
GEIPTLQRS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

114.29

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 — PKD2L1

Entrez GeneID	9033
GeneBank Accession#	BC025665
Protein Accession#	AAH25665
Gene Name	PKD2L1
Gene Alias	PCL, PKD2L, PKDL
Gene Description	polycystic kidney disease 2-like 1
Omim ID	604532
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the polycystin protein family. The encoded protein contains multiple transmembrane domains, and cytoplasmic N- and C-termini. The protein may be an integral membrane protein involved in cell-cell/matrix interactions. This protein functions as a calcium-regulated nonselective cation channel. Alternative splice variants have been described but their full length sequences have not been determined. [provided by RefSeq]
Other Designations	OTTHUMP00000020283 polycystic kidney disease (polycystin)-like polycystin-L

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)