

Recombinant Human PKD2 Protein, GST-tagged

Cat. No. PKD2-19H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PKD2 Protein(682-923 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	682-923 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	DTYSEVKSDLAQQKAEMELSDLIRKGYHKALVKLKLKKNVTDDISESLRQGGGKLNFD DELRQDLKKGKGHDAEIEAIFTKYDQDGDQELTEHEHQQMRDDLEKEREDLDDHS SLPRPMSSRSFPRSLDDSEEDDDDEDSGHSSRRRGSISSGVSYEETFQVLVRRVDRM EHSIGSIVSKIDAVIVKLEIMERAklKRREVLGRLLDGVAEEDERLGRDSEIHREQMERL VREELERWESDDAAS
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION**Gene Name**

PKD2 polycystic kidney disease 2 (autosomal dominant) [Homo sapiens]

Official Symbol

PKD2

Synonyms

PKD2; polycystic kidney disease 2 (autosomal dominant); polycystin-2; Pc 2; PC2; PKD4; transient receptor potential cation channel; subfamily P; member 2; TRPP2; R48321; polycystwin; autosomal dominant polycystic kidney disease type II protein; transient receptor potential cation channel, subfamily P, member 2; Pc-2; APKD2; MGC138466; MGC138468;

Gene ID

5311

mRNA Refseq

NM_000297

Protein Refseq

NP_000288

MIM

173910

UniProt ID

Q13563

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