Active Recombinant Human PKD2 Full Length Transmembrane protein(Nanodisc), His-tagged

Cat. No. PKD2-8757H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human PKD2 Full Length Transmembrane protein(Nanodisc)(Q13563-1)(Met1-Val968) is expressed from HEK293 with His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-968 aa
Form	Supplied as 0.22 μm filtered solution in PBS, 200mM L-arginine (pH 7.4).
Bio-activity	Immobilized Human PC2 Nanodisc, His Tag at 2μg/ml (100μl/well) on the plate. Dose response curve for Anti-PC2 Antibody, Rabbit Fc Tag with the EC50 of 28.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 111.6 kDa.
Endotoxin	Less than 1 EU per μg by the LAL method.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Concentration	0.1-1.0 mg/mL. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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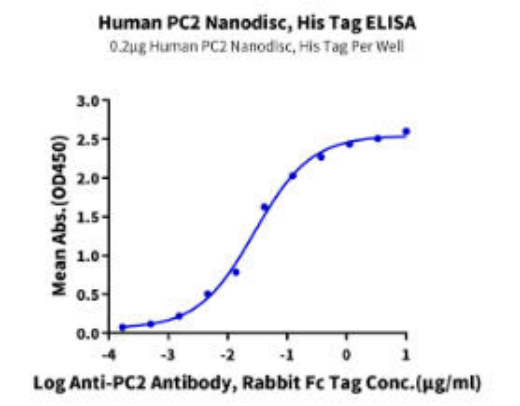
ELISA Data	

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