

Recombinant Human PKD1 protein, His-tagged

Cat. No. PKD1-4470H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PKD1 protein(P98161)(25-636aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	25-636aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	69.3 kDa
AA Sequence	GPGRGCGPCEPPCLCGPAPGAACRVNCSGRGLRTLGPALRIPADATALDVSHNLLR ALDVGLLANLSALAELDISNNKISTLEEGIFANLNLSEINLSGNPFECDCGLAWLPRW AEEQQVRVVQPEAATCAGPGSLAGQPLLGIPLLDSGCGEEYVACLPDNSSGTVAHV SFSAHEGLLQPEACSAFCFSTGQGLAALSEQGWCLCGAAQPSSASFACLSLCSG PPPPPAPTCTRGPTLLQHVFPA SPGATLVGPHGPLASGQLAAFHIAAPLPVTATRWDF GDGSAEVDAAAGPAASHRYVLPGRYHVTAVLALGAGSALLGTDVQVEAAPAALELVC PSSVQSDSLDLSIQNRGGSGLEAAYSIVALGEEPARAVHPLCPSDTEIFPGNGHCY RLVVEKAAWLQAQEQCQAWAGAALAMVDSPAVQRFLVSRVTRSLDVWIGFSTVQG VEVGPAPQGEAFSLESCQNWLPGEHPATAEHCVRLGPTGWCNTDLC SAPH SYVC ELQPGGPVQDAENLLVGAPSGDLQGPLTPLAQDGLSAPHEPVEVMVFPGLRLSR

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EAFLTAEFGTQELRRPAQLRLQVYRLLSTAGTPENGSEPEsrSPDNRTQL

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name PKD1 polycystic kidney disease 1 (autosomal dominant) [Homo sapiens]

Official Symbol PKD1

Synonyms PKD1; polycystic kidney disease 1 (autosomal dominant); polycystin-1; PBP; Pc 1; polycystin 1; transient receptor potential cation channel; subfamily P; member 1; TRPP1; polycystic kidney disease-associated protein; autosomal dominant polycystic kidney disease 1 protein; transient receptor potential cation channel, subfamily P, member 1; Pc-1;

Gene ID 5310

mRNA Refseq NM_000296

Protein Refseq NP_000287

MIM 601313

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UniProt ID

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