

Recombinant Full Length Polycystin-2(Pkd-2) Protein, His-Tagged

Cat. No. RFL17427CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Polycystin-2(pkcd-2) Protein (Q9U1S7) (1-716aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Caenorhabditis elegans
Source	E.coli
ProteinLength	Full Length (1-716)
Form	Lyophilized powder
AA Sequence	MNYGAADERWANPPQPVAAAEHGSPFDHSMVSEEEYHDKKKNPAQKEGISFSQAL LASGH EKSDGKIKLTARSFMEVGGYAVFLIVLVYVAFQAQNSIQSYYYSKVMSDLFVA STGASGAP AFGSCTSMNDNIWDWLSQVLIPGIYWTETSNSTDNENMIYYENRLLGEP RIRMLKVTNDSC TVMKSQREIKECFANYEEKLEDKTMVGDGSDAFIYATAKELEN LKTVGTIASYGGGGF VQRLPVAGSTEASAIATLKANRWIDRGSRAIIVDFALYNANI NLFCVVKLLFELPASGG VITTPKLMYDLLTYQTSGGTRMMIFEGIFCGFILYFIFEEL FAIGHRLHYLTQFWNLV DVLLGFSVATIILSVNRKTGTGNRVNSVIENGLTNAPFD DVTSSSENSYLNIAKACVVFVA WVKVFKFISVNKTMSQLSSTLTRSAKDIGGFVAVFAV FFFAFAQFGYLCFGTQIADYSNL YNSAFALLRLILGDFNFSALESCNRFFGPAFFIAY VFFVSVILLNMFLAIINDSYVEVKA ELARKKDGEGLDWFMNKKVRGLTKRGKRPDAP GEDATYEDYKLMLYRAGYAEKDINEAFT RFNVTSMTEHVPEKVAEDIADEVARMTE QKRNYMENHRDYANLNRRVDQMQUESVFSIVDR IEGVNATLQTIEKQVRVQQQDGGN

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	LMDLSALLTNQVRNRESAARRPTITSIADKKEE
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please 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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	pkd-2
Synonyms	pkd-2; pdk-2; Y73F8A.1; Polycystin-2; CePc2; Polycystic kidney disease 2 protein homolog
UniProt ID	Q9U1S7

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