

Recombinant Human PDZK1 protein, His-tagged

Cat. No. PDZK1-3933H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDZK1 protein(1-300 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-300 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MTSTFNPRECKLSKQEGQNYGFFLRIEKDTEGHLVRVVEKCSPAEKAGLQDGDRVL RINGVFVDKEEHMQVVDLVRKSGNSVTLLVLDGDSYEKAVKTRVDLKELGQSQKEQ GLSDNILSPVMNGGVQWTWTPRLCYLVKEGGSYGFSLKTQVGKKGVYMTDITPQG VAMRAGVLADDHLIEVNGENVEDASHEEVVEKVKKSGSRVMFLLVDKETDKRHVEQ KIQFKRETASLKLPHQPRIVEMKKGSNGYGFYLRAGSEQKGQIIKDIDSGSPAEEAG LKNNDLVVAVNGESVETLD
Purity	95%, 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

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cycles.

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

PDZK1 PDZ domain containing 1 [Homo sapiens]

Official Symbol

PDZK1

Synonyms

PDZK1; PDZ domain containing 1; Na(+)/H(+) exchange regulatory cofactor NHERF3; NHERF3; PDZD1; naPi-Cap1; PDZ-containing kidney protein 1; CFTR-associated protein of 70 kDa; sodium-hydrogen exchanger regulatory factor 3; na/Pi cotransporter C-terminal-associated protein 1; CAP70; CLAMP; NHERF-3;

Gene ID

5174

mRNA Refseq

NM_001201325

Protein Refseq

NP_001188254

MIM

603831

UniProt ID

Q5T2W1

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