

## Recombinant Human PDZK1 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PDZK1 protein(1-300 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-300 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	MTSTFNPRECKLSKQEGQNYGFFLRIEKDTEGHLVRRVVEKCSPAEKAGLQDGDRVL RINGVFVDKEEHMQVVDLVRKSGNSVTLLVLDGDSYEKAVKTRVDLKELGQSQKEQ GLSDNILSPVMNGGVQWTWPRLCYLVKEGGSYGFSLKTVQGKKGVMYMTDITPQG VAMRAGVLADDHLIEVNGENVEDASHEEVVEKVKKSGSRVMFLLVDKETDKRHVEQ KIQFKRETASLKLLPHQPRIVEMKKGSNGYGFYLRAGSEQKGQIIKDIDSGSPAEEAG LKNNDLVVAVNGESVETLD
<b>Purity</b>	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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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