

## Recombinant Human PCNP protein, His-tagged

**Cat. No.** PCNP-4443H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PCNP protein(1-68 aa), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E. coli                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 1-68 aa                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole. |
| <b>AASequence</b>       | MADGKAGDEKPEKSQRAGAAGGPEEEEAEKPVKTKTVSSSNGGESSRSAEKRS<br>EEAADLPTKPTKI                                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | 85%, by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                                                                                                                                                        |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                                                                                                                                               |

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## GENE INFORMATION

**Gene Name** PCNP PEST proteolytic signal containing nuclear protein [ Homo sapiens ]

**Official Symbol** PCNP

**Synonyms** PCNP; PEST proteolytic signal containing nuclear protein; PEST proteolytic signal-containing nuclear protein; PEST-containing nuclear protein; DKFZp781I24156;

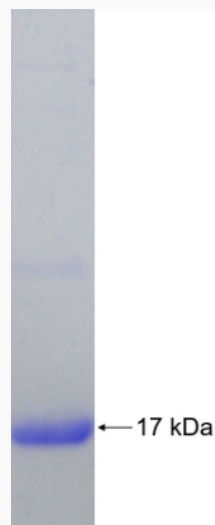
**mRNA Refseq** NM\_020357

**Protein Refseq** NP\_065090

**UniProt ID** Q8WW12

**Gene ID** 57092

## SDS-PAGE



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