

Recombinant Human PCNP, His-tagged

Cat. No. PCNP-3605H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PCNP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-178 aa
Description	PCNP (PEST proteolytic signal containing nuclear protein) is a nuclear protein implied to play a role in cell cycle regulation and tumorigenesis. This protein is ubiquitinated post-translationally by NIRF, an ubiquitin ligase. PCNP exists as three isoforms produced by alternative splicing events and may be involved in cell cycle regulation.
Form	Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 1mM DTT
Molecular Weight	21.5 kDa (202aa), confirmed by MALDI-TOF
Purity	>95 % by SDS -PAGE
Concentration	1 mg/ml (determined by BCA)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MGSHMADGKA GDEKPEKSQR AGAAGGPREE AEKPVKTKTV SSSNGGESSS RSAEKRSAEE EAADLPTKPT KISKFGFAIG SQTTKKASAI SIKLGSSKPK ETVPTLAPKT LSVAAAFNED EDSEPEEMPP

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EAKMRMKNIG RDTPTSAGPN SFNKGKKGFS DNQKLWERNI KSHLGNVHDQ DN

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

PCNP PEST proteolytic signal containing nuclear protein [Homo sapiens]

Official Symbol

PCNP

Synonyms

PCNP; DKFZp781I24156; OTTHUMP00000214092; PEST-containing nuclear protein; PEST proteolytic signal-containing nuclear protein

Gene ID

57092

mRNA Refseq

NM_020357

Protein Refseq

NP_065090

UniProt ID

Q8WW12

**Chromosome
Location**

3q12.3

Function

protein binding

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