

## PCNP Human

**Description:** PCNP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 202 amino acids (1-178 a.a.) and having a molecular mass of 21.5kDa. PCNP is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-913

For research use only.

**Synonyms:** PEST proteolytic signal-containing nuclear protein, PCNP, PEST-containing nuclear protein.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered clear solution.

**Amino Acid Sequence:** MGSSHHHHH SSGLVPRGSH MGSHMADGKA GDEKPEKSQR  
AGAAGPPEE AEKPVKTKTV SSSNGGESS RSAEKRSAAE EAADLPTKPT KISKFGFAIG  
SQTTKKASAI SIKLGSSKPK ETVPTLAPKT LSVAAAFNED EDSEPEEMPP EAKMRMKNIG  
RDTPTSAGPN SFNKGKHGFS DNQKLWERNI KSHLGNVHDQ DN.

**Purity:** Greater than 95.0% as determined by SDS-PAGE.

**Formulation:**

PCNP protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 1mM DTT.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

PEST proteolytic signal containing nuclear protein (PCNP) is a nuclear protein involved in cell cycle regulation and tumorigenesis. The PCNP protein is ubiquitinated post-translationally by NIRF (an ubiquitin ligase). The PCNP exists as 3 isoforms produced by alternative splicing events.

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