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**Product Data Sheet**


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Product Name: PCNP Human  
 Cat. No.: GP24139  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	PEST proteolytic signal-containing nuclear protein; PCNP; PEST-containing nuclear protein.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSHMADGKA GDEKPEKSQR AGAAGGPEEE AEKPVKTKTV SSSNGGESSS RSAEKRSAEE EAADLPTKPT KISKFGFAIG SQTTKKASAI SIKLGSSKPK ETVPTLAPKT LSVAAAFNED EDSEPEEMPP EAKMRMKNIG RDTPTSAGPN SFNKGKHGFS DNQKLWERNI KSHLGNVHDQ DN.		
Formulation	PCNP protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 1mM DTT.		

**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 NERF (an ubiquitin ligase). The PCNP exists as 3 isoforms produced by alternative splicing events.

**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.

**Background**

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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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