

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: MGSSHHHHHH SSGLVPRGSH MGSHMADGKA GDEKPEKSQR
AGAAGGPEEE AEKPVKTKTV SSSNGGESSS 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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