

Recombinant human PCNP protein

Catalog Number: ATGP1171

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-178aa

UniProt No.

Q8WW12

NCBI Accession No.

NP_065090.1

Alternative Names

PEST proteolytic signal containing nuclear protein., DKFZp781I24156

PRODUCT SPECIFICATION

Molecular Weight

21.5 kDa (202aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by BCA assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.5) containing 10% glycerol,

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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. Recombinant human PCNP protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

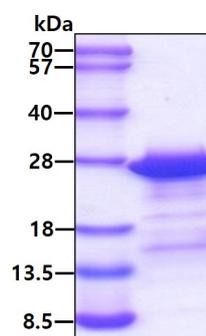
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EAKMRMKNIG RDTPTSAGPN SFNKGKHGFS DNQKLWERNI KSHLGNVHDQ DN

General References

Mori T., et al. (2004) FEBS Lett. 557(1-3):209-14.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.