

PCNP, 1-178aa, Human, His tag, E.coli

Cat.NO.: TP03309

3th Edition

Synonyms:PEST proteolytic signal containing nuclear protein, DKFZp781I24156.

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 Nurf1, 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.

Form:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol.

Molecular Weight:21.5 kDa (202aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMADGKAGDEKPEKSQRAGAAGGPEEEAEKPVKTKTVSSSNGGESSRS
AEKRSAEAAAADLPTKPTKISKFGFAIGSQTTKKASAIKLGSSKPKETVPTLAPKTLVAAAFNEDEDSEPEEMPPE
AKMRMKNIGRDTPTSAGPNSFNKGKHGFSNQLWERNIKSHLGNVHDQDN

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by BCA)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.