

AR51268PU-S

Human CENP-P (1-288, His-tag) - Purified

Alternate names:

CENPP, Centromere protein P

Quantity:

0.1 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

Centromere protein P, also known as CENPP, is component of the CENPA-CAD (nucleosome distal) complex, a complex recruited to centromeres which is involved in assembly of kinetochore proteins, mitotic progression and chromosome segregation. This protein may be involved in incorporation of newly synthesized CENPA into centromeres via its interaction with the CENPA-NAC complex.

Uniprot ID:

[Q61PU0](#)

NCBI:

[NP_001012267](#)

GeneID:

[401541](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Description:

Recombinant human CENPP protein, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHH SGLVPRGSH MDAELAEVRA LQAEIAALRR ACEDPPAPWE EKSRVQKSFQ
AIHQFNLEGW KSSKDLKNQL GHLESELSFL STLTGINIRN HSKQTEDLTS TEMTEKSIRK
VLQRHRLSGN CHMVTFQLEF QILEIQNKER LSSAVTDLNI IMEPTCESEL SEFVSRAEER
KDLFMFFRSL HFFVEWFEYR KRTFKHLKEK YPDAVYLSEG PSSCSMGIRS ASRPGFELVI
VWRIQIDEDG KVFPKLDLLT KVPQRALELD KNRAIETAPL SFRTLVLGLLG IEAALESNIK
SLCAEENN

Molecular weight: 35.3 kDa (308aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Okada M., et al. (2006) Nat. Cell Biol. 8:446-457

Foltz D.R., et al. (2006) Nat. Cell Biol. 8:458-469

Pictures:

