

Recombinant human CENPP protein

Catalog Number: ATGP2448

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-288aa

UniProt No.

Q6IPU0

NCBI Accession No.

NP_001012267

Alternative Names

Centromere protein P, CENP-P, RP11-19J3.3

PRODUCT SPECIFICATION

Molecular Weight

35.3 kDa (308aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

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

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

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Amino acid Sequence

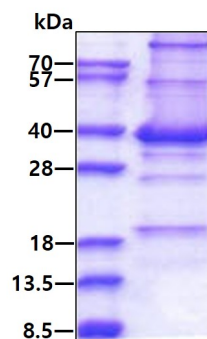
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LSSAVTDLNI IMEPTCESEL SEFVSRAEER KDLFMFFRSL HFFVEWFEYR KRTFKHLKEK YPDAVYLSEG PSSCSMGIRS
ASRPGFELVI VWRIQIDEDG KVFPKLDLLT KVPQRALELD KNRAIETAPL SFRTLVLGLLG IEAALESLIK SLCAEENN

General References

Okada M., et al. (2006) Nat. Cell Biol. 8:446-457
Foltz D.R., et al. (2006) Nat. Cell Biol. 8:458-469

DATA

SDS-PAGE



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