

CENPP, 1-288aa, Human, His tag, E.coli

Cat.NO.: TP01580

3th Edition

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

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.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Molecular Weight:35.3 kDa (308aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMDAELAEVRALQAEIAALRRACEDPPAPWEEKSRVQKSFQAIHQFNLEGWKSSK
DLKNQLGHLESELSFLSTLTGINIRNHSKQTEDLTSTEMTEKSIRKVLQRHRLSGNCHMVTQLEFQILEIQNKERLS
SAVTDLNIIMEPTCESESEFVSRAEERKDLFMFFRSLHFFVEWFEYRKRTFKHLKEKYPDAVYLSEGPSSCSMGIR
SASRPGFELVIVWRIQIDEDGKVFPKDLLTKVPQRALELDKNRAIETAPLSFRTLVLGLLGIEAALES LIKSLCAEENN

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

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.