

Recombinant human CENPP, His-tagged

Cat. No. CENPP-2448H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CENPP protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Molecular Mass	35.3 kDa (308aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MDAELAEVRA LQAEIAALRR ACEDPPAPWE EKS RVQKSFQ AIHQFNLEGW KSSKDLKNQL GHLESELSFL STLTGINIRN HSKQTEDLTS TEMTEKSIRK VLQRHRLSGN CHMVTFQLEF QILEIQNKER LSSAVTDLNI IMEPTCESEL SEFVSRAEER KDLFMFFRSL HFFVEWFEYR KRTFKHLKEK YPDAVYLSEG PSSCSMGIRS ASRPGFELVI VWRIQIDEDG KVFPKLDLLT KVPQRALELD KNRAIETAPL SFRTLVLGLLG IEAALESLIK SLCAEENN

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Purity	>85% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	CENPP centromere protein P [Homo sapiens]
Official Symbol	CENPP
Synonyms	CENPP; centromere protein P; CENP P; RP11 19J3.3; CENP-P; RP11-19J3.3; FLJ33928;
Gene ID	401541
mRNA Refseq	NM_001012267
Protein Refseq	NP_001012267
MIM	611505
UniProt ID	Q6IPU0
Chromosome Location	9q22.31
Pathway	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific

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biosystem; Chromosome Maintenance, organism-specific biosystem; DNA Replication, organism-specific biosystem; Deposition of New CENPA-containing Nucleosomes at the Centromere, organism-specific biosystem; M Phase, organism-specific biosystem; Mitotic M-M/G1 phases, organism-specific biosystem;

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