
Product Data Sheet

Product Name: CENPP Human
 Cat. No.: GP23124
 Batch No.: 1

Product Data

| | | | |
|---------------------|---|--------------------|-------------------------|
| Purity | >98% | Source | Escherichia Coli. |
| Physical Appearance | solid | Shipping Condition | Shipped with Ice Packs. |
| Synonyms | Centromere protein P; CENP-P; CENPP. | | |
| Amino Acid Sequence | MGSSHHHHHH 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. | | |
| Formulation | CENPP protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. | | |

Introduction

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

Stability

Store at 4°C if entire vial will be used within 2-4 weeks.

Background

CENPP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 308 amino acids (1-288 a.a) and having a molecular mass of 35.3kDa. CENPP is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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