

32-3508: CENPQ Recombinant Protein

Alternative Name : Centromere protein Q,CENPQ,CENP-Q,C6orf139,Centromere Protein-Q.

Description

Source : Escherichia Coli. CENPQ Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 291 amino acids (1-268a.a) and having a molecular mass of 33kDa.CENPQ is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. CENPQ is a Component of a CENPH-CENPI-associated centromeric complex which targets CENPA to centromeres and is necessary for proper kinetochore function and mitotic progression. CENPQ takes part in incorporation of newly synthesized CENPA into centromeres using its interaction with the CENPA-NAC complex.

Product Info

Amount :	20 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	CENPQ protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMSGKANA SKKNAQQLKR NPKRKKDNEE VVLSSENKVRN TVKKNKNHLK DLSSEGQTKH TNLKHGKTA A SKRKTWQPLS KSTRDHLQTM MESVIMTILS NSIKEKEEIQ YHLNFKKRL LQCETLKVP PPKMEDLTNV SLLNMERAR DKANEEGLAL LQEEIDKMVE TTELMGTGNIQ SLKNKIQILA SEVEEEERV QMHQINSSG VLSLPELSQK TLKAPTQKE ILALIPNQNA LLKDLDLHN SSQMKSMTF IEEAYKKLDA S.