9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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CENPQ Human

Centromere Protein-Q Human Recombinant
RCP0393

Product Overview

Name	CENPQ Human
Description	
Centromere Protein-Q Human Recombinant	
Accession (Primary)	Q7L2Z9
Synonyms	
Centromere protein Q, CENPQ, CENP-Q, C6orf139, Centromere Protein-Q.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
CENPQ protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MSGKANA SKKNAQQLKR NPKRKKDNEE VVLSENKVRN TVKKNKNHLK DLSSEGQTKH TNLKHGKTAA SKRKTWQPLS KSTRDHLQTM MESVIMTILS NSIKEKEEIQ YHLNFLKKRL LQQCETLKVP PKKMEDLTNV SSLLNMERAR DKANEEGLAL LQEEIDKMVE TTELMTGNIQ SLKNKIQILA SEVEEEEERV KQMHQINSSG VLSLPELSQK TLKAPTLQKE ILALIPNQNA LLKDLDILHN SSQMKSMSTF IEEAYKKLDA S.	
Precautions	

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CENPQ Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q7L2Z9)