

Centromere Protein-Q Human Recombinant

Item Number	rAP-2994
Synonyms	Centromere protein Q, CENPQ, CENP-Q, C6orf139, Centromere Protein-Q.
Description	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.
Uniprot Accesion Number	Q7L2Z9
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGMSGKANA SKKNAQQLKR NPKRKKDNEE VVLSENKVRN TVKKKNKHLK DLSSEGQTKH TNLKHGKTA SKRKTWQPLS KSTRDHQTM MESVIMTILS NSIKEKEEIQ YHLNFLKKRL LQQCETLKV PPKMEDLTNV SSLLNMERAR DKANEEGLAL LQEEIDKMW TTELMTGNIQ SLKNKIQILA SEVEEEERV KQMHQINSSG VLSLPELSQK TLKAPTLQKE ILALIPNQNA LLKLDILHN SSQMKSMTF IEEAYKKLDA S.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	CENPQ protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**