

Product datasheet for **AR51301PU-N**

CENP-Q (His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CENP-Q (His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSGKANA SKKNAQQLKR NPKRKKDNEE VVLSSENKVRN TVKKNKHNHLK DLSSEGQTKH TNLKHGKTAA SKRKTWQPLS KSTRDHLQTM MESVIMTILS NSIKEKEEIQ YHLNFKKRL LQQCETLKVP PKKMEDLTNV SLLNMRER DKANEEGLAL LQEEIDKMVE TTELMTGNIQ SLKNKIQILA SEVEEEERV KQMHQINSSG VLSLPELSQK TLKAPTQKE ILALIPNQNA LLKDLIDLHN SSQMKSMTF IEEAYKKLDA S
Tag:	His-tag
Predicted MW:	33.0 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CENPQ protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_060602
Locus ID:	55166
UniProt ID:	Q7L2Z9
Cytogenetics:	6p12.3
Synonyms:	Centromere protein Q, CENPQ, C6orf139



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Summary:

CENPQ is a subunit of a CENPH (MIM 605607)-CENPI (MIM 300065)-associated centromeric complex that targets CENPA (MIM 117139) to centromeres and is required for proper kinetochore function and mitotic progression (Okada et al., 2006 [PubMed 16622420]). [supplied by OMIM, Mar 2008]

Product images: