

Recombinant human CENPQ, His-tagged

Cat. No. CENPQ-2481H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CENPQ protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
Description	CENPQ is a subunit of a CENPH-CENPI-associated centromeric complex that targets CENPA to centromeres and is required for proper kinetochore function and mitotic progression.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Molecular Mass	33.0kDa (291aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSGKANA SKKNAQQLKR NPKRKKDNEE VVLSENKVRN TVKKNKNHLK DLSSEGQTKH TNLKHGKTAA SKRKTWQPLS KSTRDHLQTM MESVIMTILS NSIKEKEEIQ YHLNFLKKRL LQQCETLKVP PKKMEDLTNV SLLNMERAR DKANEEGLAL LQEEIDKMVE TTELMGTGNIQ SLKNKIQILA SEVEEEEEERV KQMHQINSSG VLSLPELSQK TLKAPTLOKE ILALIPNQNA LLKDLILHN SSQMKSMTF IEEAYKKLDA S
Purity	>85 % by SDS - PAGE
Applications	SDS-PAGE

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Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	CENPQ centromere protein Q [Homo sapiens]
Official Symbol	CENPQ
Synonyms	CENPQ; centromere protein Q; C6orf139, chromosome 6 open reading frame 139; CENP Q; FLJ10545; CENP-Q; C6orf139;
Gene ID	55166
mRNA Refseq	NM_018132
Protein Refseq	NP_060602
MIM	611506
UniProt ID	Q7L2Z9
Chromosome Location	6p12.3
Pathway	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem; DNA Replication, organism-specific biosystem; Deposition of New CENPA-containing Nucleosomes at the Centromere, organism-specific biosystem; M Phase, organism-

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specific biosystem; Mitotic M-M/G1 phases, organism-specific biosystem;

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