

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 SGLVPRGSH MGSMSGKANA SKKNAQQLKR NPKRKKDNEE VVLSENKVRN TVKKNKNHLK DLSSEGQTKH TNLKHGKTAA SKRKTWQPLS KSTRDHLQTM MESVIMTILS NSIKEKEEIQ YHLNFLKKRL LQQCETLKVP PKKMEDLTNV SLLNMERAR DKANEEGLAL LQEEIDKMVE TTELMTGNIQ SLKNKIQILA SEVEEEEERV KQMHQINSSG VLSPPELSQK TLKAPTQKE 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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