Recombinant Full Length Human CENPH Protein, GST-tagged

Cat. No. CENPH-3320HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CENPH full-length ORF (AAH12024, 1 a.a. - 247 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	247 amino acids
Description	Centromere and kinetochore proteins play a critical role in centromere structure, kinetochore formation, and sister chromatid separation. The protein encoded by this gene colocalizes with inner kinetochore plate proteins CENP-A and CENP-C in both interphase and metaphase. It localizes outside of centromeric heterochromatin, where CENP-B is localized, and inside the kinetochore corona, where CENP-E is localized during prometaphase. It is thought that this protein can bind to itself, as well as to CENP-A, CENP-B or CENP-C. Multimers of the protein localize constitutively to the inner kinetochore plate and play an important role in the organization and function of the active centromere-kinetochore complex. [provided by RefSeq, Jul 2008]
Molecular Mass	52.91 kDa
AA Sequence	MEEQPQMQDADEPADSGGEGRAGGPPQVAGAQAACSEDRMTLLLRLRAQTKQQL LEYKSMVDASEEKTPEQIMQEKQIEAKIEDLENEIEEVKVAFEIKKLALDRMRLSTALK KNLEKISRQSSVLMDNMKHLLELNKLIMKSQQESWDLEEKLLDIRKKRLQLKQASES KLLEIQTEKNKQKIDLDSMENSERIKIIRQNLQMEIKITTVIQHVFQNLILGSKVNWAED

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CENPH centromere protein H [Homo sapiens]
Official Symbol	CENPH
Synonyms	CENPH; centromere protein H; NNF1; MIND kinetochore complex component; homolog (S. cerevisiae); PMF1; CENP-H; kinetochore protein CENP-H; interphase centromere complex protein 35;
Gene ID	64946
mRNA Refseq	NM_022909
Protein Refseq	NP_075060
MIM	605607
UniProt ID	Q9H3R5

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