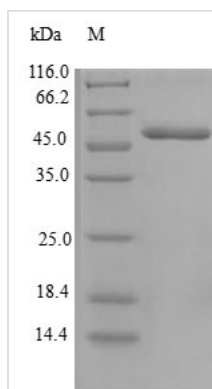




Recombinant Human Centromere protein H (CENPH)

Product Code	CSB-EP005211HU
Relevance	Component of the CENPA-NAC (nucleosome-associated) complex, a complex that plays a central role in assembly of kinetochore proteins, mitotic progression and chromosome segregation. The CENPA-NAC complex recruits the CENPA-CAD (nucleosome distal) complex and may be involved in incorporation of newly synthesized CENPA into centromeres. Required for chromosome congression and efficiently align the chromosomes on a metaphase plate.
Abbreviation	Recombinant Human CENPH protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9H3R5
Alias	Interphase centromere complex protein 35
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MEEQPQMQDADEPADSGGEGRAGGPPQVAGAQAACSEDRMTLLRLRAQT KQQLLEYKSMVDASEEKTPEQIMQEKKIEAKIEDLENEIEEVKVAFEIKKLALDR MRLSTALKKNLEKISRQSSVLMDNMKHLLELNKLIMKSQQESWDLEEKLLDIRK KRLQLKQASESKLLEIQTEKNKQKIDLDSEMSERIKIIRQNLQMEIKITTVIQHV FQNLILGSKVNWAEDPALKEIVLQLEKNVDM
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	CENPH
Protein Names	Recommended name: Centromere protein H Short name= CENP-H Alternative name(s): Interphase centromere complex protein 35
Expression Region	1-247aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	55.5kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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