

CENPH Human

Description: CENPH Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 133 amino acids (136-247) and having a molecular mass of 15.5 kDa. The CENPH is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Catalog #: PRPS-973

For research use only.

Synonyms: Centromere protein H, Interphase centromere complex protein 35, CENP-H, NNF1, PMF1, ICEN35, Kinetochore protein CENP-H.

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MLNKLIMKSQ QESWDLEEKL
LDIRKKRLQL KQASESKLLE IQTEKNKQKI DLDSMENSER IKIIRQNLQM EIKITTVIQH
VFQNLILGSK VNWAEDPALK EIVLQLEKNV DMM

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:

The CENPH solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

CENPH is a member of the centromere protein H family. CENPH protein is a component of the CENPA-NAC (nucleosome-associated) complex which has a vital part in assembly of kinetochore proteins. The CENPA-NAC complex utilizes the CENPA-CAD (nucleosome distal) complex and is involved in integration of freshly synthesized CENPA into centromeres.

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