

Centromere Protein-H Human Recombinant

Item Number	rAP-2998
Synonyms	Centromere protein H, Interphase centromere complex protein 35, CENP-H, NNF1, PMF1, ICEN35, Kineto-chore protein CENP-H.
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.
Uniprot Accesion Number	Q9H3R5
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MLNKLIMKSQ QESWDLEEKL LDIRKKRLQL KQASESKLLE IQTEKNKQKI DLDSTMENSER IKIIRQNLQM EIKITTVIQU VFQNLILGSK VNWAEDPALK EIVLQLEKNV DMM
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The CENPH solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**