

Recombinant Human PHD finger protein 13, His-tagged

Cat. No. PHF13-228H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PHF13, 1-300aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-300 a.a.
Description	PHD finger protein 13, also known as PHF13, is required for normal chromosome condensation during the early stages of mitosis and for normal chromosome separation during mitosis. Recombinant human PHF13 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT, 1mM EDTA, 250mM Imidazole
Molecular Mass	36.0 kDa (323aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMDSDESCA AAFHPPEEYSP SCKRRRTVED FNKFCTFVLA YAGYIPYPKE ELPLRSSPSP ANSTAGTIDS DGWDAGFSDI ASSVPLPVSD RCFSHLQPTL LQRAKPSNFL LDRKKTDKLL KKKKRKRKRRDS DAPGKEGYRG GLLKLEAADP YVETPTSPTL QDIPQAPSDP CSGWDSSTPS SGSCATVSPD QVKEIKTEGK RTIVRQ GKQV VFRDEDSTGN DEDIMVDSDD DSWDLVTCFC MKPFAGRPMI ECNECHTWIH LSCAKIRKSN VPEVFVCQKC

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RDSKFDIRRS NRSRTGSRKL FLD

Purity >85% by SDS - PAGE

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 0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name PHF13 PHD finger protein 13 [Homo sapiens]

Official Symbol PHF13

Synonyms PHF13; PHD finger protein 13; MGC43399; PHD zinc finger protein PHF5; survival time-associated PHD protein in ovarian cancer; survival time-associated PHD finger protein in ovarian cancer 1; PHF5; SPOC1;

Gene ID 148479

mRNA Refseq NM_153812

Protein Refseq NP_722519

UniProt ID Q86YI8

Chromosome Location 1p36.23

Function chromatin binding; metal ion binding; methylated histone residue binding; zinc ion binding;

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