

Recombinant human PHF13 protein

Catalog Number: ATGP2182

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-300aa

UniProt No.

Q86YI8

NCBI Accession No.

NP_722519

Alternative Names

PHD finger protein 13, PHF5, SPOC1

PRODUCT SPECIFICATION

Molecular Weight

36.0 kDa (323aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT, 1mM EDTA, 250mM Imidazole

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSMDSDSCA AAFHPPEEYSP SCKRRRTVED FNKFCTFVLA YAGYIPYPKE ELPLRSSPSP
ANSTAGTIDS DGWDAGFSDI ASSVPLPVSDF RCFSHLQPTL LQRAKPSNFL LDRKKTDKLLK KKKKRKRDRS DAPGKEGYRG
GLLKLEAADP YVETPTSPTL QDIPQAPSDP CSGWSDTTPS SGSCATVSPD QVKEIKTEGK RTIVRQGKQV VFRDEDSTGN
DEDIMVDSDD DSWDLVTCFC MKPFAGRPMI ECNECHTWHI LSCAKIRKSN VPEVFVCQKC RDSKFDIRRS NRSRTGSRKL
FLD

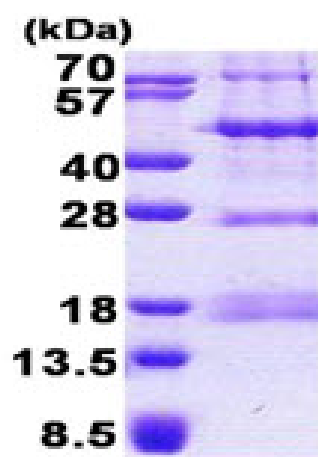
General References

Kinkley S., et al. (2009) J. Cell Sci. 122:2946-2956

Ota T., et al. (2004) Nat. Genet. 36:40-45

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)