Recombinant Human PHD finger protein 1 (PHF1)

Product Code	CSB-EP017897HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O43189
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAQPPRLSRS GASSLWDPAS PAPTSGPRPR LWEGQDVLAR WTDGLLYLGT IKKVDSAREV CLVQFEDDSQ FLVLWKDISP AALPGEELLC CVCRSETVVP GNRLVSCEKC RHAYHQDCHV PRAPAPGEGE GTSWVCRQCV FAIATKRGGA LKKGPYARAM LGMKLSLPYG LKGLDWDAGH LSNRQQSYCY CGGPGEWNLK MLQCRSCLQW FHEACTQCLS KPLLYGDRFY EFECCVCRGG PEKVRRLQLR WVDVAHLVLY HLSVCCKKKY FDFDREILPF TSENWDSLLL GELSDTPKGE RSSRLLSALN SHKDRFISGR EIKKRKCLFG LHARMPPPVE PPTGDGALTS FPSGQGPGGG VSRPLGKRRR PEPEPLRRRQ KGKVEELGPP SAVRNQPEPQ EQRERAHLQR ALQASVSPPS PSPNQSYQGS SGYNFRPTDA RCLPSSPIRM FASFHPSAST AGTSGDSGPP DRSPLELHIG FPTDIPKSAP HSMTASSSSV SSPSPGLPRR SAPPSPLCRS LSPGTGGGVR GGVGYLSRGD PVRVLARRVR PDGSVQYLVE WGGGGIF
Source	E.coli
Target Names	PHF1
Protein Names	Recommended name: PHD finger protein 1 Short name= Protein PHF1 Alternative name(s): Polycomb-like protein 1 Short name= hPCl1
Expression Region	1-567
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This gene encodes a Polycomb group protein. The protein is a component of a histone H3 lysine-27 (H3K27)-specific methyltransferase complex, and functions in transcriptional repression of homeotic genes. The protein is also recruited to double-strand breaks, and reduced protein levels results in X-ray sensitivity and increased homologous recombination. Multiple transcript variants encoding different isoforms have been found for this gene.
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	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.