



# Recombinant Human PHD finger protein 1 (PHF1)

<b>Product Code</b>	CSB-MP017897HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O43189
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MAQPPRLSRS GASSLWDPAS PAPTSGPRPR LWEGQDVLAR  WTDGLLYLGT IKKVSAREV CLVQFEDDSQ FLVLWKDISP AALPGEELLC  CVCRRSETVVP GNRLVSCEKC RHAYHQDCHV PRAPAPGEGE  GTSWVCRQCV FAIATKRGGG LKKGYPARAM LGMKLSLPYG LKGLDWDAGH  LSNRQQSYCY CGGPGEWNLK MLQCRSCLQW FHEACTQCLS  KPLLYGDRFY EFECVCRGG PEKVRRLQLR WVDVAHLVLY HLSVCCKKKY  FDFDREILPF TSENWDSLLL GELSDTPKGE RSSRLLSALN SHKDRFISGR  EIKKRKCLFG LHARMPPPVE PPTGDGALTS FPSGQGPGGG VSRPLGKRRR  PEPEPLRRRQ KGKVEELGPP SAVRNQPEPQ EQRERAHLQR ALQASVSPPS  PSPNQSYQGS SGYNFRPTDA RCLPSSPIRM FASFHPSAST AGTSGDSDGPP  DRSPLELHIG FPTDIPKSAP HSMTASSSSV SSPSPGLPRR SAPPSPLCRS  LSPGTGGGVR GGVGYLSRGD PVRVLARRVR PDGSVQYLVE WGGGGIF</p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	PHF1
<b>Protein Names</b>	Recommended name: PHD finger protein 1 Short name= Protein PHF1 Alternative name(s): Polycomb-like protein 1 Short name= hPCI1
<b>Expression Region</b>	1-567
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.