Recombinant Human PHD finger protein 7 (PHF7)

Product Code	CSB-YP017918HU
Abbreviation	PHF7
Storage	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.
Uniprot No.	Q9BWX1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MKTVKEKKEC QRLRKSAKTR RVTQRKPSSG PVCWLCLREP GDPEKLGEFL QKDNISVHYF CLILSSKLPQ RGQSNRGFHG FLPEDIKKEA ARASRKICFV CKKKGAAINC QKDQCLRNFH LPCGQERGCL SQFFGEYKSF CDKHRPTQNI QHGHVGEESC ILCCEDLSQQ SVENIQSPCC SQAIYHRKCI QKYAHTSAKH FFKCPQCNNR KEFPQEMLRM GIHIPDRDAA WELEPGAFSD LYQRYQHCDA PICLYEQGRD SFEDEGRWCL ILCATCGSHG THRDCSSLRS NSKKWECEEC SPAAATDYIP ENSGDIPCCS STFHPEEHFC RDNTLEENPG LSWTDWPEPS LLEKPESSRG RRSYSWRSKG VRITNSCKKS K
Source	Yeast
Target Names	PHF7
Protein Names	Recommended name: PHD finger protein 7 Alternative name(s): Testis development protein NYD-SP6
Expression Region	1-381
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	Spermatogenesis is a complex process regulated by extracellular and intracellular factors as well as cellular interactions among interstitial cells of the testis, Sertoli cells, and germ cells. In the testis, this gene is expressed in Sertoli cells but not germ cells. However, this gene is not expressed in a patient who exhibited spermatogenic arrest at the spermatocyte stage. Spermatogenic arrest is an interruption of germ cell differentiation that may result in oligospermia or azoospermia. The proteins encoded by this gene contain plant homeodomain (PHD) finger domains, also known as leukemia associated protein (LAP) domains, believed to be involved in transcriptional regulation. Thus this protein, which localizes to the nucleus of transfected cells, has been implicated in the transcriptional regulation of spermatogenesis. Two protein isoforms are encoded by transcript variants of 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.