

Recombinant Human PHF7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PHF7-3483H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PHF7 MS Standard C13 and N15-labeled recombinant protein (NP_057567) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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. This gene is expressed in the testis in Sertoli cells but not germ cells. The protein encoded by this gene contains plant homeodomain (PHD) finger domains, also known as leukemia associated protein (LAP) domains, believed to be involved in transcriptional regulation. The protein, which localizes to the nucleus of transfected cells, has been implicated in the transcriptional regulation of spermatogenesis. Alternate splicing results in multiple transcript variants of this gene.
Molecular Mass	43.8 kDa
AA Sequence	MKTVKEKKECQRLRKSATRRVTQRKPSSGPVCWLCLREPGDPEKLGEFLQKDNIS VHYFCLILSSKLPQRGQSNRGFHHGFLPEDIKKEAARASRKICFVCKKKGAAINCQKD QCLRNHFLPCGQERGCLSQFFGEYKSFCDKHRPTQNIQHGHVGEESCILCCEDLSQ QSVENIQSPCCSQAIYHRKCIQKYAHTSAKHFFKCPQCNNRKEFPQEMLRMGIHIPD RDAAWELEPGAFFSDLYQRYQHCDAPICLYEQGRDSFEDEGRWCLILCATCGSHGT

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HRDCSSLRSNSKKWECEECSPAAATDYIPENSGDIPCCSSTFHPEEHFCRDNTLEE
 NPGLSWTDWPEPSLLEKPESSRGRRSYSWRSKGVITNSCKKSKTRTRPLEQKLIS
 EEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PHF7 PHD finger protein 7 [Homo sapiens (human)]

Official Symbol PHF7

Synonyms PHF7; PHD finger protein 7; HSPC226; NYD SP6; testis development protein NYD-SP6; HSPC045; NYD-SP6; MGC26088; DKFZp434L1850;

Gene ID 51533

mRNA Refseq NM_016483

Protein Refseq NP_057567

UniProt ID Q9BWX1

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SDS-PAGE

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