

Product datasheet for PH305192

PHF7 (NM_016483) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PHF7 MS Standard C13 and N15-labeled recombinant protein (NP_057567)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205192
Predicted MW:	43.8 kDa
Protein Sequence:	>RC205192 protein sequence Red=Cloning site Green=Tags(s) MKTVKEKKECQRLRKS AKTRRV TQRK PSSGPVCW LCLREPGDPEKLGEFLQKDNISVHYFCLILSSKLPQ RGQSNR GFHGF LPEDIKKEAARASRKICFVCKKKGAAINCQKDQCLRNHFLPCGQERGCLSQFFGEYKSF CDKHRPTQNIQHGHVGEESCILCCEDLSQQSVENIQSPCCSQAIYHRKCIQKYAHTSAKHF FKPQCNNR KEFPQEMLRMGIHIPDRDA AWELEPGAFSDLYQRYQHCDAPICLYEQGRDSFEDEGRWCLILCATCGSHG THRDCSSLRSNSK KWECEECSPAATDIPENSGDIPCCSSTFHPPEEHFCRDNTLEENPGLSWTDWPEPS LLEKPSSRGRRSYSWRSKGV RITNSCKKSK TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_057567
RefSeq Size:	2240
RefSeq ORF:	1143
Synonyms:	HSPC045; HSPC226; NYD-SP6
Locus ID:	51533



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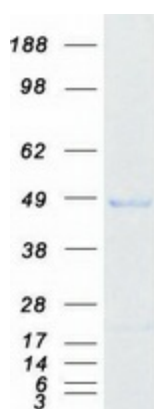
UniProt ID: [Q9BWX1](#), [A0A024R336](#)

Cytogenetics: 3p21.1

Summary: 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. [provided by RefSeq, May 2013]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified PHF7 protein (Cat# [TP305192]). The protein was produced from HEK293T cells transfected with PHF7 cDNA clone (Cat# [RC205192]) using MegaTran 2.0 (Cat# [TT210002]).