

## Product datasheet for TP305192L

### PHF7 (NM\_016483) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human PHD finger protein 7 (PHF7), transcript variant 1, 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC205192 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MKTVKEKKECQRLRKSARTRVTQRKPSSGPVCWLCLREPGDPEKLGFLQKDNISVHYFCLILSSKLPQ  
RGQSNRGFHGFHPEDIKKEAARASRKICFVCKKKGAAINCQKDQCLRNHFLPCGQERGCLSQFFGEYKSF  
CDKHRPTQNIQHGHVGEESCILCCEDLSQQSVENIQSPCCSQAIYHRKCIQKYAHTSAKHFFKCPQCNNR  
KEFPQEMLRMGIHIPDRDAAWELEPGAFSDLYQRYQHCDAPICLYEQGRDSFEDEGRWCLILCATCGSHG  
THRDCSSLRNSKKWECEECSPAATDYIPENSGDIPCCSSTFHPEEHFCRDNTLEENPGLSWTDWPEPS  
LLEKPESSRGRRSYSWRKSGVRITNSCKKSK

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK

**Predicted MW:** 43.6 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

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

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_057567](#)

**Locus ID:** 51533



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

RefSeq Size: 2240

Cytogenetics: 3p21.1

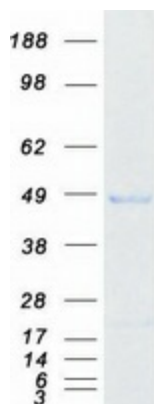
RefSeq ORF: 1143

Synonyms: HSPC045; HSPC226; NYD-SP6

**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]).