

## Product datasheet for **AR50991PU-S**

### PHF5A (1-110, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	PHF5A (1-110, His-tag) human protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAKHHPD LIFCRKQAGV AIGRLCEKCD GKCVICDSYV RPCTLVRICD ECNYGSYQGR CVICGGPGVS DAYYCKECTI QEKDRDGCPK IVNLGSSKTD LFYERKKYGF KKR
Tag:	His-tag
Predicted MW:	14.8 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 7.5) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_116147</a>
Locus ID:	84844
UniProt ID:	<a href="#">Q7RTV0</a> , <a href="#">A0A024R1U2</a>
Cytogenetics:	22q13.2
Synonyms:	bK223H9.2; INI; Rds3; SAP14b; SF3B7; SF3b14b



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**Summary:**

This gene encodes a subunit of the splicing factor 3b protein complex. Splicing factor 3b, together with splicing factor 3a and a 12S RNA unit, forms the U2 small nuclear ribonucleoproteins complex (U2 snRNP). The splicing factor 3b/3a complex binds pre-mRNA upstream of the intron's branch site in a sequence-independent manner and may anchor the U2 snRNP to the pre-mRNA. The protein encoded by this gene contains a PHD-finger-like domain that is flanked by highly basic N- and C-termini. This protein belongs to the PHD-finger superfamily and may act as a chromatin-associated protein. This gene has several pseudogenes on different chromosomes. [provided by RefSeq, Jul 2008]

**Protein Families:**

Transcription Factors

**Protein Pathways:**

Spliceosome

**Product images:**