

Datasheet for ABIN7554986
PHF20 Protein (AA 1-1012) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PHF20
Protein Characteristics:	AA 1-1012
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PHF20 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PHF20 Protein expressed in mammalian cells.
Sequence:	MTKHPPNRRG ISFEVGAQLE ARDRLKNWYP AHIEDIDYEE GKVLHFHFRW NHRYDEWFCW DSPYLRPLEK IQLRKEGLHE EDGSSEFQIN EQVLACWSDC RFYPAKVAV NKDGTYYTVKF YDGVVQTVKH IHVKAFSKQDQ NIVGNARPKE TDHKSLS SSP DKREKFKEQR KATVNVKKDK EDKPLKTEKR PKQPDKGKGL ICSEKGVSE KSLPKNEKED KENISENDRE YSGDAQVDDK PENDIVKSPQ ENLREPKRKR GRPPSIAPTA VDSNSQTLQP ITLELRRRKI SKGCEVPLKR PRLDKNSSQE KSKNYSENTD KDLSRRRSSR LSTNGTHEIL DPDLVSDLV DTDPLQDTLS STKESEEGQL KSALEAGQVS SALTCHSFGD GSGAAGLELN CPSMGENTMK TEPTSPLVEL QEISTVEVTN TFKKTDDFGS SNAPAVDLDH KFRCKVVDCL KFFRKAKLLH YHMKYFHGME KSLEPEESPG KRHVQTRGPS ASDKPSQETL TRKRVSASSP TTKDKEKNKE KKFKEFVRVK PKKKKKKKKK TKPEPCPCSEE ISDTSQEPSP PKAFAVTRCG SSHKPGVHMS PQLHGPESGH HKGKVKALEE DNLSESSSES FLWSDDEYQG DVDVTTNPDE ELDGDDRYDF EVVRCICEVQ EENDFMIQCE ECQCWQHGV C MGLLEENVPE KYTCYVCQDP PGQRPGFKYW YDKEWLSRGH

Product Details

MHGLAFLEEN YSHQNAKKIV ATHQLLGDVQ RVIEVLHGLQ LKMSILQSRE HPDLPLWCQP
WKQHSGEGRS HFRNIPVTD T RSKEEAPSYR TLNGAVEKPR PLALPLPRSV EESYITSEHC
YQKPRAYYP A VEQKLVVETR GSALDDAVNP LHENGDDSL S PRLGWPLDQD RSKGDSDPKP
GSPKVKEYVS KKALPEEAPA RKLDRGGEG LLSSQHQQWF NLLTHVESLQ DEVTHRMDSI
EKELDVLESW LDYTGELEPP EPLARLPQLK HCIKQLLMDL GKVQQIALCC ST **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: PHF20

Alternative Name: PHF20 ([PHF20 Products](#))

Background: PHD finger protein 20 (Glioma-expressed antigen 2) (Hepatocellular carcinoma-associated antigen 58) (Novel zinc finger protein) (Transcription factor TZP),FUNCTION: Methyllysine-binding protein, component of the MOF histone acetyltransferase protein complex. Not required

Target Details

for maintaining the global histone H4 'Lys-16' acetylation (H4K16ac) levels or locus specific histone acetylation, but instead works downstream in transcriptional regulation of MOF target genes (By similarity). As part of the NSL complex it may be involved in acetylation of nucleosomal histone H4 on several lysine residues. Contributes to methyllysine-dependent p53/TP53 stabilization and up-regulation after DNA damage. {ECO:0000250, ECO:0000269|PubMed:20018852, ECO:0000269|PubMed:22864287}.

Molecular Weight: 115.4 kDa

UniProt: [Q9BVI0](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months