

Datasheet for ABIN7564388
PHF20 Protein (AA 1-1010) (His tag)



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Overview

Quantity:	1 mg
Target:	PHF20
Protein Characteristics:	AA 1-1010
Origin:	Mouse
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:	<p>MTKHPPNRRG ISFEVGAQLE ARDRLKNWYP AHIEDIDYEE GRVLIHFKRW NHRYDEWFCW DSPYLRPLEK IQLRKEGLHD EDGSSEFQIN QQVLACWSDC RFYPARVTAV NKDGTYYTKF YDGVVQTVKH IHVKAFSKDQ NIVGNARPKE TDHKSLS SSP EKREKFKEQR KVTNVVKKDK VEKALKTEKR PKQPDKEGKL ICSEKGVSE KSLPKNEKED KENISENERE YSGDAQVEKK PEKDLVKNPQ ENLKEPKRKR GRPPSITPTA VDSNSQTLQP ITLELRRRRI SKRSDTPLKR PRLDKNSPQE QSKKRSENSD KDLSRRR RSR LSTNGTREIL DPDSIVPDLV HTVDTNPLPD KSPSAKDSAE GQLKSPLEAG QVSSALTCHP IGDGLGAADL ELNCKSMGEN TMKTEPV SPL AEVQEVSTVE VPNTLKKVDD SVTLNVPADV LDHKFRCKVL DCLKFFRKAK LLHYHMKYFH GMEKSPEPEE GPGKTHVQTR GSAVPDKTSQ ESLTRKRVSA SSPTAKEKEK TKEKKFKELV RVKPKKKKKK KKKTKPECPC SEDISDTSQE PSPPKTFAVT RCGSSHKPGV HMSPQLHGSD NGNHKGK LKT CEEDNLSESS SESFLWSDEE YGQDVDVTTN PDEELEGDDR YDFEVVRCIC EVQEENDFMI QCEECQCWQH GVCMLLEEN VPEKYTCYVC QDPPGQRPGF KYWYDKEWLS</p>

Product Details

RGHMHGLAFL DQNYSHQNR KIVATHQLLG DVQRVIQVLH GLQLKMSILQ SREHPDLQLW
CQPWKQHSGE GRAHPRHIHI TDARSEESPS YRTLNGAVEK PSPLPRSVEE SYITSEHCYQ
KPRAYYPAVE QRLVVETRGS ALDAAVSPLC ENGDDSLSPR LGWPIDQDRS RGDIDPKPSS
PKVREYISKN VLPEETPARK LLDRGGGLV SSQHQQWFNL LTHVESLQDE VTHRMDSEIK
ELDVLESWLD YTGELEPPEP LARLPQLKHC IKQLLTDLGK VQQIALCCST **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 (Hepatocellular carcinoma-associated antigen 58 homolog),FUNCTION: Contributes to methyllysine-dependent p53/TP53 stabilization and up-regulation after DNA damage (By similarity). Methyllysine-binding protein, component of the MOF histone

Target Details

acetyltransferase protein complex. Not required 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. As part of the NSL complex it may be involved in acetylation of nucleosomal histone H4 on several lysine residues. {ECO:0000250, ECO:0000269|PubMed:22072714}.

Molecular Weight: 115.3 kDa

UniProt: [Q8BLG0](#)

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