

## Datasheet for ABIN7565207 PHF2 Protein (AA 1-1096) (His tag)



Overview

Quantity:	1 mg
Target:	PHF2
Protein Characteristics:	AA 1-1096
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PHF2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Phf2 Protein expressed in mammalian cells.
Sequence:	MATVPVYCVC RLPYDVTRFM IECDACKDWF HGSCVGVEEE EAPDIDIYHC PNCEKTHGKS
	TLKKKRTWHK HGPGPTPDVK PVQNGSQLFI KELRSRTFPS AEDVVSRVPG SQLTVGYMEE
	HGFTEPILVP KKDGLGLAVP APTFYVSDVE NYVGPERSVD VTDVTKQKDC KMKLKEFVDY
	YYSTNRKRVL NVTNLEFSDT RMSSFVEPPD IVKKLSWVEN YWPDDALLAK PKVTKYCLIC
	VKDSYTDFHI DSGGASAWYH VLKGEKIFYL IRPASANISL YERWRSASNH SEMFFADQVD
	RCYKCTVKQG QTLFIPSGWI YATLTPVDCL AFAGHFLHSL SVEMQMRAYE VERRLKLGSL
	TQFPNFETAC WYMGKHLLEA FKGSHKSGKQ LPPHLVQGAK ILNGAFRSWT KKQALAEHED
	ELPEHFRPSQ LIKDLAKEIR LSENASKTVR PEVNAAASSD EVCDGDREKE EPPSPVETTP
	PRSLLEKVSK KKTSKTVKMP KPSKIPKPPK SPKPPKTLKL KDGSKKKGKK CKESASPTIP
	NLDLLEAHTK EALTKMEPPK KGKTPKSVLS VPNKDTVHTQ NDMERLEIRE QTKSKSEAKW
	KYKNSKPDSL LKMEEEQRLE KSPLAGNKDK FSFSFSNRKL LGSKALRPPS SPGVFGALQS
	FKEDKAKPVR DEYEYVSDDG ELKIDEFPIR RKKSAPKRDL SFLLDKKEAL LMPTSKPKLD

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	SAVYKSDDSS DEGSLHIDTD TKPGRNAKVK KESGSSAAGI LDLLQASEEV GALEYNPNSQ
	PPASPSTQEA IQGMLSMANL QASDSCLQTT WGTGQAKGGS LAAHGARKIG GGNKGTGKRL
	LKRTAKNSVD LEDYEEQDHL DACFKDSDYV YPSLESDEDN PVFKSRSKKR KGSDDAPYSP
	TARVGPSVPR QDRPVREGTR VASIETGLAA AAAKLSQQEE QKNRKKKNTK RKPAPNTASP
	SISTSASAST GTTSASTTPA STTPASTTPA STTPASTSTA SSQASQEGSS PEPPPESHSS
	SLADHEYTAA GTFSGSQAGR ASQPMAPGVF LTQRRPSASS PNNTAAKGKR TKKGMATAKQ
	RLGKILKIHR NGKLLL 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:
	<ul> <li>Made to order protein - from design to production - by highly experienced protein experts.</li> <li>Protein expressed in mammalian cells and purified in one-step affinity chromatography</li> <li>The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li> <li>State-of-the-art algorithm used for plasmid design (Gene synthesis).</li> </ul>
	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:	PHF2
Alternative Name:	Phf2 (PHF2 Products)
Background:	Lysine-specific demethylase PHF2 (EC 1.14.11) (GRC5) (PHD finger protein 2),FUNCTION:
	Lysine demethylase that demethylates both histones and non-histone proteins

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