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Datasheet for ABIN7564157
PHF17 Protein (AA 1-834) (His tag)

Overview

Quantity:	1 mg
Target:	PHF17
Protein Characteristics:	AA 1-834
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PHF17 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinant Jade1 Protein expressed in mammalian cells.
Sequence:	MKRGRLPSSS EDSDDNGSLT TTWSQHRSRQ HGRSSTCSRPE DRKPSEVFR TDLITAMKLN DSYQLNPDDY YVLADPWRQE WEKGVQVPVS PGTIPQPVAR VVSEEKSLMF IRPKKYIASS GSEPPALGYV DIRTLADSVR RYDLNDMDAA WLEVTNEEFK EMGMPELDEY TMERVLEEFK QRCYDNMNSH IETEEGLGIE YDEDVVCVDC QSPDGEDGNE MVFCDKCNIC VHQACYGILK VPEGSWLCRT CALGVQPKCL LCPKKGAMK PTRSGTKWVH VSCALWIPEV SIGSPEKMEP ITKVSHIPSS RWALVCSLCN EKFGASIQCS VKNCRATFHV TCAFDRGLEM KTI LAENDEV KFKSYCPKHS SHRKPEEGLG EGAAQENGAP ESSPQSPLP YGSLEPNREE AHRVSVRKQK LQLEDEFYT FVNLLDVARA LRLPEEVVDF LYQYWKLKRK INFNKPLITP KKDEEDNLAK REQDVLFRRL QLFTHLRQDL ERVRNLTYMV TRREKIKRSV CKVQEIQFTQ YTKLLEQEKV SGVPSSCSSA LENMLFFNSP SVGNAPKIE DLKWHSAFFR KQMGTSLVHP LKSKHRDAV QNSSGTEGKT SHKQPGLCGR REGLEVSESL LSLEKTFAEA RLLSSAQQKN GVVTPDHGKR

Product Details

RDNRFHCDLV KGDLKDKSFK QSHKPLRSTD TSQRHLDNTR AATSPGVGQS APGTRKEIVP
KCNGLSVKVP ITPASPVKSW GGFRIPKKGE RQQQGEAHDG ACHQHSDCSH LGVSRAPAKE
RAKSRLRADS ENDGYAPDGE MSDSESEASE KKCIHASSTI SRRTDIIRRS ILAS **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

PHF17

Alternative Name:

Jade1 ([PHF17 Products](#))

Background:

Protein Jade-1 (Jade family PHD finger protein 1) (PHD finger protein 17),FUNCTION: Scaffold subunit of some HBO1 complexes, which have a histone H4 acetyltransferase activity. Plays a key role in HBO1 complex by directing KAT7/HBO1 specificity towards histone H4 acetylation (H4K5ac, H4K8ac and H4K12ac), regulating DNA replication initiation, regulating DNA replication initiation. May also promote acetylation of nucleosomal histone H4 by KAT5. Promotes apoptosis. May act as a renal tumor suppressor. Negatively regulates canonical Wnt signaling, at least in part, cooperates with NPHP4 in this function.

Target Details

{ECO:0000250|UniProtKB:Q6IE81}.

Molecular Weight: 93.9 kDa

UniProt: [Q6ZPI0](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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