

Datasheet for ABIN7558145
PHF15 Protein (AA 1-829) (His tag)



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Overview

Quantity:	1 mg
Target:	PHF15
Protein Characteristics:	AA 1-829
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PHF15 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Jade2 Protein expressed in mammalian cells.
Sequence:	MEEKRRKYSI SSDNSDTTGDG HVTSTSASRC SKLPSSTKSG WPRQNEKKPS EVFRTDLITA MKIPDSYQLS PDDYYILADP WRQEWKGVQ VPAGAEAIPE PVVRLPLPK GPPTQMSPDS PTLGEGAHPD WPGGSRYDL D EIDAYWLELL NSELKEMEKP ELDELTLERV LEELETCHQ NMAQAIETQE GLGIEYDEDV VCDVCRSPEG EDGNEMVFCD KCNVCVHQAC YGILKVPTGS WLCRTCALGV QPKCLLCPKR GGALKPTRSG TKWVHVSCAL WIPEVSIGCP EKMEPITKIS HIPASRWALS CSLCKECTGT CIQCSMPSCI TAFHVTCAFD RGLEMRILA DNDEVKFKSL CQEHSDDGGPR SEPTSEPV EP SQAVEDLEKV TLRKQRLQQL EENFYELVEP AEVAERDLA EALVDFIYQY WKLKRRANAN QPLLTPKTDE VDNLAQQEQD VLYRRLKLFT HLRQDLERVR NLCYMVTRRE RTKHTICKLQ EQIFHLQMKL IEQDLCREPS GRRSKGKKN D SKRKGREGPK GSSPEKKEKV KAGPESVLGQ LGLSTSFID GTFNSWLAQ SVQITAEDMA MSEWSLNSGH REDPAPGLLS EELLQDEETL LSFMRDPSLR PGDPARKARG RTRLPKAKKP SPLQDGPSAR TTPDKQPKKA WAQDGKGTQG PPMRKPPRRT SSHLPSSPAA GDCVPATLE SPPPLASEIL

Product Details

DKTAPMASDL NVQVPGPTVS PKPLGRLRPP REMKVSRSKSP GARSDAGTGL PSAVAERPKV
SLHFDTEADG YFSDEEMSDS EVEAEDSGVQ RASREAGAE VVRMGVLAS **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: PHF15

Alternative Name: Jade2 ([PHF15 Products](#))

Background: E3 ubiquitin-protein ligase Jade-2 (EC 2.3.2.27) (Jade family PHD finger protein 2) (PHD finger protein 15),FUNCTION: Scaffold subunit of some HBO1 complexes, which have a histone H4 acetyltransferase activity (By similarity). Acts as a E3 ubiquitin-protein ligase mediating the ubiquitination and subsequent proteasomal degradation of target protein histone demethylase KDM1A (PubMed:25018020). Also acts as a ubiquitin ligase E3 toward itself (PubMed:25018020). Positive regulator of neurogenesis (PubMed:25018020).

Target Details

{ECO:0000250|UniProtKB:Q9NQC1, ECO:0000269|PubMed:25018020}.

Molecular Weight: 92.2 kDa

UniProt: [Q6ZQF7](#)

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