

Datasheet for ABIN7547787

**FLYWCH1 Protein (AA 1-716) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	FLYWCH1
Protein Characteristics:	AA 1-716
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FLYWCH1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant FLYWCH1 Protein expressed in mammalian cells.
Sequence:	MPLPEPSEQE GESVKAGQEP SPKPGTDVIP AAPRKPREFS KLVLLTASDQ DEDGVGSKPQ EVHCVLSLEM AGPATLASTL QILPVEEQGG VVQPALEMPE QKCSKLDAAA PQSLEFLRTP FGGRLLVLES FLYKQEKAVG DKVYWKCRQH AELGCRGRAI TRGLRATVMR GHCHAPDEQG LEARRQREKL PSLALPEGLG EPQGPEGPGG RVEEPLGEGV PWQCPEEPEP TPGLVLSKPA LEEEEAPRAL SLLSLPPKKR SILGLGQARP LEFLRTCYGG SFLVHESFLY KREKAVGDKV YWTCDHALH GCRSRAITQG QRVTVMRGHC HQPDMEGLEA RRQKEKAVET LQAGQDGGPS QVDTLLRGVD SLLYRRGPGP LTLTRPRPRK RAKVEDQELP TQPEAPDEHQ DMDADPGGPE FLKTPLGGSF LVYESFLYRR EKAAGEKVYW TCRDQARMGC RRAITQGRR VTVMRGHCHP PDLGGLEALR QREKRPNTAQ RGSPGGPEFL KTPLGGSFLV YESFLYRREK AAGEKVYWTC RDQARMGCRS RAITQGRRVM VMRRHCHPPD LGGLEALRQR EHFPNLAQWD SPDPLRPLEF LRTSLGGRFL VHESFLYRKE KAAGEKVYWM CRDQARLGCR SRAITQGHRI MVMRSHCHQP DLAGLEALRQ RERLPTTAQQ EDPEKIQVQL CFKTCSPESQ QIYGDIKDVR LDGESQ <b>Sequence</b>

## Product Details

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**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

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**Target:** FLYWCH1

**Alternative Name:** FLYWCH1 ([FLYWCH1 Products](#))

**Background:** FLYWCH-type zinc finger-containing protein 1,FUNCTION: Transcription cofactor (PubMed:30097457). Negatively regulates transcription activation by catenin beta-1 CTNNB1, perhaps acting by competing with TCF4 for CTNNB1 binding (PubMed:30097457). May play a role in DNA-damage response signaling (PubMed:33924684). Binds specifically to DNA sequences at peri-centromeric chromatin loci. {ECO:0000269|PubMed:30097457, ECO:0000269|PubMed:33924684, ECO:0000269|PubMed:34408139}.

**Molecular Weight:** 80.1 kDa

## Target Details

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UniProt: [Q4VC44](#)

## Application Details

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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

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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