

Datasheet for ABIN7556115  
**ZMYND11 Protein (AA 1-602) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ZMYND11
Protein Characteristics:	AA 1-602
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZMYND11 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant ZMYND11 Protein expressed in mammalian cells.
Sequence:	MARLTKRRQA DTKAIQHLWA AIEIIRNQKQ IANIDRITKY MSRVHGMHPK ETTRQLSLAV KDGLIVETLT VGCKGSKAGI EQEGYWLPGD EIDWETENHD WYCFECHLPG EVLICDLCFR VYHSKCLSDE FRLRDSSSPW QCPVCRSIKK KNTNKQEMGT YLRFIVSRMK ERAIDLNKKG KDNKHPMYRR LVHSAVDVPT IQEKVNEGKY RSYEEFKADA QLLLHNTVIF YGADSEQADI ARMLYKDTCH ELDELQLCKN CFYLSNARPD NWFCYPCIPN HELVWAKMKG FGFWPAKVMQ KEDNQVDVRF FGHHHQRAWI PSENIQDITV NIHRLHVKRS MGWKKACDEL ELHQRFREG RFWKSKNEDR GEEEAESSIS STSNEQLKVT QEPRAKKGRR NQSVEPKKEE PEPETEAVSS SQEIPTMPQP IEKVSSTQT KKLSASSPRM LHRSTQTTND GVCQSMCHDK YTKIFNDFKD RMKSDHKRET ERVREALEK LRSEMEEEKR QAVNKAVANM QGEMDRKCKQ VKEKCKEEFV EEIKKLATQH KQLISQTKKK QWCYNCEEEA MYHCCWNTSY CSIKCQEHW HAEHKRTCRR KR <b>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.</b>

## Product Details

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### **In case you have a special request, please contact us.**

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**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.

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**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.

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**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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**Grade:** custom-made

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## Target Details

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**Target:** ZMYND11

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**Alternative Name:** ZMYND11 ([ZMYND11 Products](#))

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**Background:** Zinc finger MYND domain-containing protein 11 (Adenovirus 5 E1A-binding protein) (Bone morphogenetic protein receptor-associated molecule 1) (Protein BS69),FUNCTION: Chromatin reader that specifically recognizes and binds histone H3.3 trimethylated at 'Lys-36' (H3.3K36me3) and regulates RNA polymerase II elongation. Does not bind other histone H3 subtypes (H3.1 or H3.2) (By similarity). Colocalizes with highly expressed genes and functions as a transcription corepressor by modulating RNA polymerase II at the elongation stage. Binds non-specifically to dsDNA (PubMed:24675531). Acts as a tumor-suppressor by repressing a transcriptional program essential for tumor cell growth. {ECO:0000250|UniProtKB:Q8R5C8, ECO:0000269|PubMed:10734313, ECO:0000269|PubMed:16565076, ECO:0000269|PubMed:24675531}., FUNCTION: (Microbial infection) Inhibits Epstein-Barr virus

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## Target Details

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EBNA2-mediated transcriptional activation and host cell proliferation, through direct interaction. {ECO:0000269|PubMed:26845565}.

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Molecular Weight: 71.0 kDa

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UniProt: [Q15326](#)

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## 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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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