

Datasheet for ABIN7556087  
**ZNF16 Protein (AA 1-682) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ZNF16
Protein Characteristics:	AA 1-682
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZNF16 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant ZNF16 Protein expressed in mammalian cells.
Sequence:	MPSLRTRREE AEMELSVPGP SPWTPAAQAR VRDAPAVTHP GSAACGTPCC SDTELEAICP HYQQPDCDTR TEDKEFLHKE DIHEDLESQA EISENYAGDV SQVPELGDLC DDVSERDWGV PEGRRLPQSL SQEGDFTPAA MGLLRGPLGE KDLDCNGFDS RFSLSPNLMA CQEIPTEERP HPYDMGGQSF QHSVDLTGHE GVPTAESPLI CNECGKTFQG NPDLIQRQIV HTGEASFMCD DCGKTFSQNS VLKNRHRSHM SEKAYQCSEC GKAFRGHSDF SRHQSHHSE RPYMCNECGK AFSQNSSLKK HQKSHMSEKP YECNECGKAF RRSSNLIHQH RIHSGEKPYV CSECGKAFRR SSNLIKHHRT HTGEKPFECG ECGKAFSQSA HLRKHQRVHT GEKPYECNDC GKPFSRVSNL IKHHRVHTGE KPYKCSDCGK AFSQSSSLIQ HRRHTGEKP HVCNVC GKAF SYSSVLRKHQ IIHTGEKPYR CSVCGKAFSH SSALIQHQGV HTGDKPYACH ECGKTFGRSS NLILHQRVHT GEKPYECTEC GKTFQSSTL IQHQRIHNGL KPHECNQCGK AFNRSSNLIH HQKVHTGEKP YTCVECGKGF SQSSHLIQHQ IIHTGERPYK CSECGKAFSQ RSVLIHQHRI HTGVKPYDCA ACGKAFSQRS KLIKHQLIHT RE <b>Sequence without tag. The proposed Purification-Tag is</b>

## Product Details

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**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: ZNF16

Alternative Name: ZNF16 ([ZNF16 Products](#))

Background: Zinc finger protein 16 (Zinc finger protein KOX9),FUNCTION: Acts as a transcriptional activator. Promotes cell proliferation by facilitating the cell cycle phase transition from the S to G2/M phase. Involved in both the hemin- and phorbol myristate acetate (PMA)-induced erythroid and megakaryocytic differentiation, respectively. Also plays a role as an inhibitor of cell apoptosis. {ECO:0000269|PubMed:16628192, ECO:0000269|PubMed:19763908, ECO:0000269|PubMed:21874239}.

Molecular Weight: 76.5 kDa

UniProt: [P17020](#)

## 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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