

Datasheet for ABIN7556109  
**ZBTB49 Protein (AA 1-765) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	ZBTB49
Protein Characteristics:	AA 1-765
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZBTB49 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant ZBTB49 Protein expressed in mammalian cells.
Sequence:	MDPVATHSCH LLQQLHEQRI QLLCDCMLV VKGVCFKAHK NVLAAFSQYF RSLFQNSSSQ KNDVFHLDVK NVSGIGQILD FMYTSHLDLN QDNIQVMLDT AQCLQVQNVL SLCHTFLKSA TVVQPPGMPC NSTLSLQSTL TPDATCVISE NYPPHLLQEC SADAQQNKTL DESHPHASPS VNRHHSAGEI SKQAPDTS DG SCTELPFKQP NYYYKLRNFY SKQYHKHAAG PSQERVVEQP FAFSTSTDLT TVESQCAVS HSECILESPE HLP SNFLAQP VNDSAPHPES DATCQQPVKQ MRLKKAIHLK KLNFLKSQKY AEQVSEPKSD DGLTKRLESA SKNTLEKASS QSAEEKESEE VVSCENFNCI SETERPEDPA ALEDQSQT LQ SQRQYACELC GKPFKHP SNL ELHKRSHTGE KPFECNICGK HFSQAGNLQT HLRRHSGEKP YICEICGKRF AASGDVQRHI IHSGEKPHL CDICGRGFSN FSNLKEHKKT HTADKVFTCD ECGKSFNMQR KLVKHRIRHT GERPYSCSAC GKCFGGSGDL RRHVRHTTGE KPVTCEICNK CFTRSAVLRR HKKMHCAGD ESPDVLEELS QAIETSDLEK SQSSDSFSQD TSVTLMPVSV KLPVHPVENS VAEFDSHSGG SYCKLRSMIQ PHGVSDQEKL SLDPGKLAKP QMQQTQPQAY AYSVDVTPAG GEPLQADGMA MIRSSLAALD

## Product Details

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NHGGDPLGSR ASSTTYRNSE GQFFSSMTLW GLAMKTLQNE NELDQ **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.**

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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

## Target Details

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Target: ZBTB49

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Alternative Name: ZBTB49 ([ZBTB49 Products](#))

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Background: Zinc finger and BTB domain-containing protein 49 (Zinc finger protein 509),FUNCTION: Transcription factor. Inhibits cell proliferation by activating either CDKN1A/p21 transcription or RB1 transcription. {ECO:0000269|PubMed:25245946},. FUNCTION: [Isoform 1]: Binds CDKN1A promoter and activates its transcription, this activity is further potentiated in the presence of EP300 (synergistic) and ZBTB17/Miz-1 (additive). {ECO:0000269|PubMed:25245946},. FUNCTION: [Isoform 3]: Activates RB1 transcription most probably by antagonizing ZBTB17 repression of RB1. Does not bind directly RB1 promoter. {ECO:0000269|PubMed:25245946}.

## Target Details

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Molecular Weight: 85.1 kDa

UniProt: [Q6ZSB9](#)

## 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