

Datasheet for ABIN7545225
ZBTB16 Protein (AA 1-673) (His tag)



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Overview

Quantity:	1 mg
Target:	ZBTB16
Protein Characteristics:	AA 1-673
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZBTB16 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ZBTB16 Protein expressed in mammalien cells.
Sequence:	MDLTKMGMIIQ LQNPSHPTGL LCKANQMRLA GTLCDVVIMV DSQEFHAHRT VLACTSKMFE ILFHRNSQHY TLDLFLSPKTF QQILEYAYTA TLQAKAEDLD DLLYAAEILE IEYLEEQCLK MLETIQASDD NDTEATMADG GAEEEEEDRKA RYLKNIFISK HSSEESGYAS VAGQSLPGPM VDQSPSVSTS FGLSAMSPTK AAVDSLMTIG QSLLQGTLPQ PAGPEEPTLA GGGRHPGVAE VKTEMMQVDE VPSQDSPGAA ESSISGGMGD KVEERGKEGP GTPTRSSVIT SARELHYGRE ESAEQVPPPA EAGQAPTGRP EHPAPPPEKH LGIYSVLPNH KADAVLSMPS SVTSGLHVQP ALAVSMDFST YGGLLPQGF I QRELFSKLGE LAVGMKSESR TIGEQCSVCG VELPDNEAVE QHRKLHSGMK TYGCELCGKR FLDSLRLRMH LLAHSAGAKA FVCDQCGAQF SKEDALETHR QTHTGTDMAV FCLLCGKRFQ AQSALQQHME VHAGVRSYIC SECNRTFPPSH TALKRHLRSH TGDHPYECEF CGSCFRDEST LKSHKRIHTG EKPYECSGCG KKFSLKHQLE THYRVHTGEK PFECKLCHQR SRDYSAMIKH LRTHNGASPY QCTICTEYCP SLSSMQKHMK GHKPEEIPPD

WRIEKTYLYL CYV **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

ZBTB16

Alternative Name:

ZBTB16 ([ZBTB16 Products](#))

Background:

Zinc finger and BTB domain-containing protein 16 (Promyelocytic leukemia zinc finger protein) (Zinc finger protein 145) (Zinc finger protein PLZF),FUNCTION: Acts as a transcriptional repressor (PubMed:10688654, PubMed:24359566). Transcriptional repression may be mediated through recruitment of histone deacetylases to target promoters (PubMed:10688654). May play a role in myeloid maturation and in the development and/or maintenance of other differentiated tissues. Probable substrate-recognition component of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (PubMed:14528312).
{ECO:0000269|PubMed:10688654, ECO:0000269|PubMed:14528312, ECO:0000269|PubMed:24359566}.

Target Details

Molecular Weight:	74.3 kDa
UniProt:	Q05516
Pathways:	Positive Regulation of fat Cell Differentiation

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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