

Datasheet for ABIN7556107
ZBTB17 Protein (AA 1-803) (His tag)



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Overview

Quantity:	1 mg
Target:	ZBTB17
Protein Characteristics:	AA 1-803
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZBTB17 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat ZBTB17 Protein expressed in mammalien cells.
Sequence:	MDFPQHSQHV LEQLNQQRQL GLLCDCTFVW DGVHFKAHKA VLAACSEYFK MLFVDQKDWV HLDISNAAGL GQVLEFMYTA KLSLSPENV DVLAVATFLQ MQDIITACHA LKSLAEPATS PGGNAEALAT EGGDKRAKEE KVATSTLSRL EQAGRSTPIG PSRDLEKEERG GQAQSAASGA EQTEKADAPR EPPPVELKPD PTSGMAAAEA EAALSESESEQ EMEVEPARKG EEEQKEQEEQ EEEGAGPAEV KEEGSQLENG EAPEENENEE SAGTDSGQEL GSEARGLRSG TYGDRTESKA YGSVIHKCED CGKEFTHTGN FKRHIRIHTG EKPFSCRECS KAFSDPAACK AHEKTHSPLK PYGCEECGKS YRLISLLNLH KKRHSGEARY RCEDCGKLFT TSGNLKRHQL VHSGEKPYQC DYCGRSFSDP TSKMRHLETH DTDKEHKCPH CDKKNQVGN LKAHLKIHIA DGPLKCRECG KQFTTSGNLK RHLRIHSGEK PYVCIHCQRQ FADPGALQRH VRIHTGEKPC QCVMCCKAFT QASSLIAHVR QHTGEKPYVC ERGKRFVQS SQLANHIRHH DNIRPHKCSV CSKAFVNVGD LSKHIIIHTG EKPYLCDKCG RGFNRVDNLR SHVKTVHQGK AGIKILEPEE GSEVSVTVTD

Product Details

DMVTLATEAL AATAVTQLTV VPVGAAVTAD ETEVLKAEIS KAVKQVQEED PNTHILYACD
SCGDKFLDAN SLAQHVRIHT AQALVMFQTD ADFYQQYGGP GTWPAGQVLQ AGELVFRPRD
GAEGQPALAE TSPTAPECPP PAE **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:

ZBTB17

Alternative Name:

ZBTB17 ([ZBTB17 Products](#))

Background:

Zinc finger and BTB domain-containing protein 17 (Myc-interacting zinc finger protein 1) (Miz-1) (Zinc finger protein 151) (Zinc finger protein 60),FUNCTION: Transcription factor that can function as an activator or repressor depending on its binding partners, and by targeting negative regulators of cell cycle progression. Plays a critical role in early lymphocyte development, where it is essential to prevent apoptosis in lymphoid precursors, allowing them to survive in response to IL7 and undergo proper lineage commitment. Has been shown to bind to the promoters of adenovirus major late protein and cyclin D1 and activate transcription. Required for early embryonic development during gastrulation. Represses RB1 transcription,

Target Details

this repression can be blocked by interaction with ZBTB49 isoform 3/ZNF509S1 (PubMed:25245946). {ECO:0000269|PubMed:16142238, ECO:0000269|PubMed:19164764, ECO:0000269|PubMed:25245946, ECO:0000269|PubMed:9308237, ECO:0000269|PubMed:9312026}.

Molecular Weight: 87.9 kDa

UniProt: [Q13105](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#), [ER-Nucleus Signaling](#)

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