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Datasheet for ABIN7319186 ZBTB17 Protein (His tag)

Overview

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|-------------------------------|---|
| Quantity: | 50 µg |
| Target: | ZBTB17 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ZBTB17 protein is labelled with His tag. |

Product Details

| | |
|------------------|---|
| Purpose: | Recombinant Human ZBTB17/Miz-1 Protein (His Tag) |
| Sequence: | Met 1-Ala188 |
| Characteristics: | Recombinant Human Zinc Finger and BTB Domain-Containing Protein 17 is produced by our E.coli expression system and the target gene encoding Met1-Ala188 is expressed with a 6His tag at the N-terminus. |
| Purity: | > 95 % as determined by reducing SDS-PAGE. |
| Endotoxin Level: | < 1.0 EU per µg as determined by the LAL method. |

Target Details

| | |
|-------------------|---|
| Target: | ZBTB17 |
| Alternative Name: | ZBTB17/Miz-1 (ZBTB17 Products) |
| Background: | Background: Zinc Finger and BTB Domain-Containing Protein 17 (ZBTB17) belongs to the Kruppel C2H2-type zinc finger protein family. ZBTB17 may function as a housekeeping DNA- |

Target Details

binding protein that regulates the expression of specific genes, it has been shown to bind to the promoters of adenovirus major late protein and cyclin D1 and activate transcription. ZBTB17 may have growth arrest activity, probably through inhibition of cell cycle progression. ZBTB17 is required for early embryonic development during gastrulation. ZBTB17 induces cell arrest at G1, an effect mediated by its activation of the gene coding for P15INK4b. This effect is blocked by Myc, which displaces transcriptional coactivators bound to ZBTB17. Although the downregulation of ZBTB17 may contribute to Myc-induced cell transformation, the deactivation of ZBTB17 is absolutely essential for Myc-induced apoptosis.

Synonym: Zinc Finger and BTB Domain-Containing Protein 17, Myc-Interacting Zinc Finger Protein 1, Miz-1, Zinc Finger Protein 151, Zinc Finger Protein 60, ZBTB17, MIZ1, ZNF151, ZNF60

Molecular Weight: 22.3 kDa

UniProt: [Q13105](#)

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

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.25.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.