

Datasheet for ABIN7556142  
**ZNF238 Protein (AA 1-522) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ZNF238
Protein Characteristics:	AA 1-522
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZNF238 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat ZBTB18 Protein expressed in mammalian cells.
Sequence:	MEFPDHSRHL LQCLSEQRHQ GFLCDCTVLV GDAQFRAHRA VLASCSMYFH LFYKDQLDKR DIVHLNSDIV TAPAFALLE FMYEGKLQFK DLPIEDVLAA ASYLHMYDIV KVCKKKLKEK ATTEADSTKK EEDASSCS DK VESLSDGSSH IAGDLPSDED EGEDEKLNIL PSKRDLAAEP GNMWMRLPSD SAGIPQAGGE AEPHATAAGK TVASPCSSTE SLSQRSVTSV RDSADVDCVL DLSVKSSL SG VENLNSSYFS SQDVLRNLV QVKVEKEASC DESDVG TNDY DMEHSTVKES VSTNNRVQYE PAHLAPLRED SVLRELDRED KASDDEMTP ESERVQVEGG MESSLLPYVS NILSPAGQIF MCPLCNKVFP SPHILQIHLS THFREQDGIR SKPAADVNP TCSLCGKTFS CMYTLKRHER THSGEKPYTC TQCGKSFQYS HNLSRHAVVH TREKPHACKW CERRFTQSGD LYRHIRKFHC ELVNSLSVKS EALSLPTVRD WTLEDSSQEL WK <b>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</b>

## Product Details

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### **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

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#### Target:

ZNF238

#### Alternative Name:

ZBTB18 ([ZNF238 Products](#))

#### Background:

Zinc finger and BTB domain-containing protein 18 (58 kDa repressor protein) (Transcriptional repressor RP58) (Translin-associated zinc finger protein 1) (TAZ-1) (Zinc finger protein 238) (Zinc finger protein C2H2-171),FUNCTION: Transcriptional repressor that plays a role in various developmental processes such as myogenesis and brain development. Plays a key role in myogenesis by directly repressing the expression of ID2 and ID3, 2 inhibitors of skeletal myogenesis. Also involved in controlling cell division of progenitor cells and regulating the survival of postmitotic cortical neurons. Specifically binds the consensus DNA sequence 5'-[AC]ACATCTG[GT][AC]-3' which contains the E box core, and acts by recruiting chromatin remodeling multiprotein complexes. May also play a role in the organization of chromosomes in the nucleus. {ECO:0000269|PubMed:9756912}.

#### Molecular Weight:

58.4 kDa

## Target Details

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UniProt: [Q99592](#)

## Application Details

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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

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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