

Datasheet for ABIN7545634
ZKSCAN3 Protein (AA 1-538) (His tag)



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Overview

Quantity:	1 mg
Target:	ZKSCAN3
Protein Characteristics:	AA 1-538
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZKSCAN3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZKSCAN3 Protein expressed in mammalian cells.
Sequence:	<p>MARELSESTA LDAQSTEDQM ELLVIKVEEE EAGFPSSPDL GSEGSRRERFR GFRYPEAAGP REALSRLREL CRQWLQPEMH SKEQILELLV LEQFLTILPG NLQSWVREQH PESGEEVVVL LEYLERQLDE PAPQVSGVDQ GQELLCKMA LLTPAPGSQS SQFQLMKALL KHESVGSQPL QDRVLPVPL AHGGCCREDK VVASRLTPES QGLLKVEDVA LTLTPEWTQQ DSSQGNLCRD EKQENHGSLV SLGDEKQTKS RDLPPAEELP EKEHGKISCH LREDIAQIPT CAEAGEQEGR LQRKQKNATG GRRHICHECG KSFAQSSGLS KHRRIHTGEK PYECECGKA FIGSSALVIH QRVHTGEKPY ECEECGKAFS HSSDLIKHQR THTGEKPYEC DDCGKTFSQS CSLLEHHRH TGEKPYQCSM CGKAFRRSSH LLRHQRIHTG DKNVQEPEQG EAWKSRMESQ LENVETPMSY KCNECERSFT QNTGLIEHQK IHTGEKPYQC NACGKGFTRI SYLVQHQRSH VGKNILSQ 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.</p>

Product Details

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.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: ZKSCAN3

Alternative Name: ZKSCAN3 ([ZKSCAN3 Products](#))

Background: Zinc finger protein with KRAB and SCAN domains 3 (Zinc finger and SCAN domain-containing protein 13) (Zinc finger protein 306) (Zinc finger protein 309) (Zinc finger protein 47 homolog) (Zf47) (Zfp-47),FUNCTION: Transcriptional factor that binds to the consensus sequence 5'-[GT][AG][AGT]GGGG-3' and acts as a repressor of autophagy. Specifically represses expression of genes involved in autophagy and lysosome biogenesis/function such as MAP1LC3B, ULK1 or WIPI2. Associates with chromatin at the ITGB4 and VEGF promoters. Also acts as a transcription activator and promotes cancer cell progression and/or migration in various tumors and myelomas. {ECO:0000269|PubMed:18940803, ECO:0000269|PubMed:21057542, ECO:0000269|PubMed:22531714, ECO:0000269|PubMed:23434374}.

Molecular Weight: 60.6 kDa

Target Details

UniProt: [Q9BRR0](#)

Application Details

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

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