

Datasheet for ABIN7545374
ZSCAN4 Protein (AA 1-433) (His tag)



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Overview

Quantity:	1 mg
Target:	ZSCAN4
Protein Characteristics:	AA 1-433
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZSCAN4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZSCAN4 Protein expressed in mammalian cells.
Sequence:	MALDLRTIFQ CEPSENNLGS ENSAFQSQG PAVQREEGIS EFSRMLNSF QDSNNSYARQ ELQRLYRIFH SWLQPEKHSK DEISLLVLE QFMIGGHCND KASVKEKWKS SGKNLERFIE DLTDDSINPP ALVHVHMQGQ EALFSEDMPL RDVIVHLTKQ VNAQTTREAN MGTPSQTSQD TSLETGQGYE DEQDGWNSSS KTTRVNENIT NQGNQIVSLI IIQEENGPRP EEGGVSSDNP YNSKRAELVT ARSQEGSING ITFQGVPMVM GAGCISQPEQ SSPESALTHQ SNEGNSTCEV HQKGS HGVQK SYKCEECPKV FKYLCHLLAH QRRHRNERPF VCPECQKGF F QISDLRVHQI IHTGKKPFTC SMCKKSFSHK TNLRSHERIH TGEKPYTCPF CKTSYRQSST YHRHMRTHEK ITLPSVPSTP EAS 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.
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.

Product Details

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:

ZSCAN4

Alternative Name:

ZSCAN4 ([ZSCAN4 Products](#))

Background:

Zinc finger and SCAN domain-containing protein 4 (Zinc finger protein 494),FUNCTION: Embryonic stem (ES) cell-specific transcription factor required to regulate ES cell pluripotency. Binds telomeres and plays a key role in genomic stability in ES cells by regulating telomere elongation. Acts as an activator of spontaneous telomere sister chromatid exchange (T-SCE) and telomere elongation in undifferentiated ES cells (By similarity). {ECO:0000250}.

Molecular Weight:

49.0 kDa

UniProt:

[Q8NAM6](#)

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