

Datasheet for ABIN7545802
ZNF431 Protein (AA 1-576) (His tag)



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Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | ZNF431 |
| Protein Characteristics: | AA 1-576 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ZNF431 protein is labelled with His tag. |

Product Details

| | |
|-----------|---|
| Purpose: | Custom-made recombinant ZNF431 Protein expressed in mammalian cells. |
| Sequence: | MDDLKYGVYP LKEASGCPGA ERNLLVYSYF EKETLTFRDV AIEFSLEEWE CLNPAQQNLY MNVMLENYKN LVFLGVAVSK QDPVTCLEQE KEPWNMKRHE MVDEPPAMCS YFTKDLWPEQ DIKDSFQQVI LRRYGKCEHE NLQLRKGSAS VDEYKVHKEG YNELNQCLTT TQSKIFPCDK YVKVFHKFLN ANRHKTRHTG KKPFCCKKCG KSFCMLLHLS QHKRIHIREN SYQCEEGKA FKWFSTLTRH KRIHTGKPF KCEECGKAFK QSSTLTTHKI IHTGKPYRC EECGKAFNRS SHLTTHKIIH TGEKPYKCEE CGKAFNQSST LSTHKFIHAG EKPYKCEECD KAFNRFSYLT KHKIIHTGK SYKCEECGKG FNWSSTLTKH KRIHTGKPY KCEVCGKAFN ESSNLTTHKM IHTGKPYKC EECGKAFNRS PQLTAHKIIH TGEKPYKCEE CGKAFSQSSI LTTHKRIHTG EKPYKCEECG KAFNRSSNLT KHKIIHTGK SYKCEECGKA FNQSSTLTKH RKIHTRQPKY NCEECDNTFN QSSNLIKQNN SYWRETLQMS RMWESL 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 |

Product Details

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.

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: ZNF431

Alternative Name: ZNF431 ([ZNF431 Products](#))

Background: Zinc finger protein 431,FUNCTION: Sequence-specific DNA binding transcriptional repressor. Represses target gene transcription by recruiting HDAC1 and HDAC2 histone deacetylases. Acts as a specific transcriptional repressor for PTCH1 during embryonic development. Required for osteoblast differentiation and sonic hedgehog/SHH signaling response. Binds to the consensus site 5'-GCGCCC-3' in the promoter of PTCH1 (By similarity). {ECO:0000250}.

Molecular Weight: 67.2 kDa

UniProt: [Q8TF32](#)

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
