

Datasheet for ABIN7545314
ZNF274 Protein (AA 1-653) (His tag)



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Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | ZNF274 |
| Protein Characteristics: | AA 1-653 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ZNF274 protein is labelled with His tag. |

Product Details

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|-----------|--|
| Purpose: | Custom-made recombinant ZNF274 Protein expressed in mammalian cells. |
| Sequence: | MASRLPTAWS CEPVTFEDVT LGFTPEEWGL LDLKQKSLYR EVMLENYRNL VSVEHQLSKP DVVSQLEEA E DFWPVERGIP QDTIPEYPEL QLDPKLDPLP AESPLMNIEV VEVLTLNQE V AGPRNAIQIQA LYAEDGSLSA DAPSEQVQQQ GKHPGDPEAA RQFRQFRYK DMTGPREALD QLRELCHQWL QPKARSKEQI LELLVLEQFL GALPVKLRTW VESQHPENCQ EVVALVEGVT WMSEEEVLPA GQPAEGTTCC LEVTAQQEEK QEDAAICPVT VLPEEPVTFQ DVAVDFSREE WGLLGPTQRT EYRDVMLETF GHLVSVGWET TLENKELAPN SDIPEEPAP SLKVQESSRD CALSTLEDT LQGGVQEVQD TVLKQMESAQ EKDLQPQKHF DNRESQANSQ ALDTNQVSLQ KIDNPESQAN SGALDTNQVL LHKIPPRKRL RKRDSQVKSM KHNSRVKIHQ KSCERQKAKE GNGCRKTF SR STKQITFIRI HKGSQVCRCS ECGKIFRNPR YFSVHKKIHT GERPYVCQDC GKGFVQSSSL TQHQRVHSGE RPFECQECGR TFNDRSAISQ HLRHTTGAKP YKCQDCGKAF RQSSHLIRHQ RTHTGERPYA CNKCGKAFTQ SSSLIGHQRT HNRTKRKKKQ PTS Sequence without tag. The proposed Purification-Tag is based on experiences with the expression |

Product Details

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.

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: ZNF274

Alternative Name: ZNF274 ([ZNF274 Products](#))

Background: Neurotrophin receptor-interacting factor homolog (Zinc finger protein 274) (Zinc finger protein HFB101) (Zinc finger protein with KRAB and SCAN domains 19) (Zinc finger protein zfp2) (Zf2),FUNCTION: Probable transcription repressor. Specifically binds to the 3'-end of zinc-finger coding genes and recruiting chromatin-modifying proteins such as SETDB1 and TRIM28/KAP1, leading to transcription repression. The SETDB1-TRIM28-ZNF274 complex may play a role in recruiting ATRX to the 3'-exons of zinc-finger coding genes with atypical chromatin signatures to establish or maintain/protect H3K9me3 at these transcriptionally active regions (PubMed:27029610). {ECO:0000269|PubMed:10777669, ECO:0000269|PubMed:27029610}.

Target Details

Molecular Weight: 74.2 kDa

UniProt: [Q96GC6](#)

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