

Datasheet for ABIN7556157
ZNF658 Protein (AA 1-1059) (His tag)



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Overview

Quantity:	1 mg
Target:	ZNF658
Protein Characteristics:	AA 1-1059
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZNF658 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZNF658 Protein expressed in mammalian cells.
Sequence:	<p>MNMSQASVSF QDVTVEFTRE EWQHLGPVER TLYRDVMLEN YSHLISVGYC ITKPKVISKL EKGEEPWSLE DEFLNQRYPG YFKVDHIKGI REKQEKPLWQ EIFISDADKT LSKEGQKVLE KPFNLEIAPE LSEKISCKCD SHRMNLPVAS QLIISERKYS RKKTEYMNVC EKLQLDIKHE KAHAEEKSYE HGENAKAFSY KKDQHWKFQT LEESFECDCG GQGLYDKTIC ITPQSFLTGE KSCKDDEFK NFDKITLFNH MRTDTRGKCS DLNEYGTSCD KTTAVEYNKV HMAMTHYECN ERGINFSRKS PLTQSQRTIT GWSAFESNKC EENFSQSSAH IVHQKTQAGD KFGEHNECTD ALYQKLDFTA HQRHTEKDF YLSDEHGKCR KSFYRKAHLI QHQRPHSGEK TYQYEECAKS FCSSSHPIQH PGTYVGFKLY ECNECGKAFK QNSNLSKHLR IHTKEKPCDN NGCGRSYKSP LIGHQKTDAE MELCGGSEYG KTSHLKGHQR ILMGEKPYEC IECGKTFSKT SHLRAHQRIH TGEKPYECVE CEKTFSHKTH LSVHQRVHTG EKPYESNDCG KSFTYNSALR AHQRIHTGEK PYECSDCEKT FAHNSALRAH HRIHTGEKPY ECNECGRSFA HISVLKAHQRIHTGEKPYEC NECGRSFTYN SALRAHQRIH TGRKPYECSD CEKTFAHNSA LKIHQRIHTG EKPYESNECE</p>

Product Details

KTFAHNSALR AHQNIHTGK LYECSECGKT FFQKTRLSTH RRIHTGKPY ECSKCGKTFS
QKSYLSGHER IHTGKPYEC NVCGKTFVYK AALIVHQRH TGEKPYECNQ CGKTFSQRTH
LCAHQRIHTG EKPYECEG KTFADNSALR AHHRIHTGK PYECNDCGKT FSKTSHLRAH
LRTRSgekpy ECSECGKTFS EKSyvSAHQr VHTGekpyec NVCGKpFAHN STLRVHQRIH
TGEKSYECND CGKTFSQKSH LSAHQRIHTG EKPYECEG KAFAQNSTLR VHQRHTGK
PYECDECGKT FVRKAALRVH HTRMHTREKT LACNGFGKS **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.

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: ZNF658

Alternative Name: ZNF658 ([ZNF658 Products](#))

Background: Zinc finger protein 658,FUNCTION: Mediates transcriptional repression in response to zinc. Represses several genes, including SLC30A5, SLC30A10 and CBWD1, by binding to the zinc

Target Details

transcriptional regulatory element (ZTRE) (5'-C[AC]C[TAG]CC[TC]-N(0-50)-[GA]G[ATC]G[TG]G-3') found in the promoter region. May play a role in the control of ribosome biogenesis, regulating predominantly rRNA levels, as well as those of several ribosomal proteins, thus coordinating this highly zinc-demanding process with the available zinc supply.
{ECO:0000269|PubMed:25582195}.

Molecular Weight: 122.3 kDa

UniProt: [Q5TYW1](#)

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