

Datasheet for ABIN7556066
ZC3H3 Protein (AA 1-948) (His tag)



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Overview

Quantity:	1 mg
Target:	ZC3H3
Protein Characteristics:	AA 1-948
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZC3H3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZC3H3 Protein expressed in mammalian cells.
Sequence:	MEEKEILRRQ IRLQLGLIDD YKTLHGNAPA PGTPAASGWQ PPTYHSGRAF SARYPRPSRR GYSSHHGPSW RKKYSLVNRPGPSDPPADH AVRPLHGARG GQPPVPQQHV LERQVQLSQG QNVVIKVKPP SKSGSASASG AQRGSLEEFE ETPWSDQRPR EGEGERPRGQ LQPSRPTRAR GTCSVEDPLL VCQKEPGKPR MVKSVGSGVD SPREPRRTVS ESVIAVKASF PSSALPPRTG VALGRKLGSH SVASCAPQLL GDRRVDAGHT DQVPVPSGSVG GPARPASGPR QAREASLVVT CRTNKFRKNN YKWVAASSKS PRVARRALSP RVAAENVCKA SAGMANKVEK PQLIADPEPK PRKPATSSKP GSAPSKYKWK ASSPSASSSS SFRWQSEASS KDHASQLSPV LSRSPSGDRP AVGHSLKPL SGETPLSAYK VKSRTKIIRR RSSTSLPGDK KSGTSPAATA KSHLSLRRRQ ALRGKSSPVL KKTNPNGLVQ VTTHRLCRLP PSRAHLPTKE ASSLHAVRTA PTKSVIKTRY RIVKKTASP LSAPPFPLSL PSWRARRLSL SRSLVLNRLR PVASGGGKAQ PGSPWWRSKG YRCIGGVLYK VSANKLSKTS GQPSDAGSRP LLRTGRLDPA GSCSRSLASR AVQRSLAIIR QARQRREKRK EYCMYYNRFGR CNRGERCPY IHDPEKVAVC TRFVRGTCKK TDGTCPFSHH

Product Details

VSKEKMPVCS YFLKGICSNS NCPYSHVYVS RKAEVCSDFL KGYCPLGAKC KKKHTLLCPD
FARRGACPRG AQCQLLHRTQ KRHSRRAATS PAPGPSDATA RSRVSASHGP RKPSASQRPT
RQTPSSAALT AAAVAAPPHC PGGSASPSSS KASSSSSSSS SPPASLDHEA PSLQEALAA
ACSNRLCKLP SFISLQSSPS PGAQPRVRAP RAPLTKDSGK PLHIKPRL **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: ZC3H3

Alternative Name: ZC3H3 ([ZC3H3 Products](#))

Background: Zinc finger CCCH domain-containing protein 3 (Smad-interacting CPSF-like factor),FUNCTION: Required for the export of polyadenylated mRNAs from the nucleus (PubMed:19364924). Enhances ACVR1B-induced SMAD-dependent transcription. Binds to single-stranded DNA but not to double-stranded DNA in vitro. Involved in RNA cleavage (By similarity).

Target Details

{ECO:0000250|UniProtKB:Q8CHP0, ECO:0000269|PubMed:19364924}.

Molecular Weight: 101.9 kDa

UniProt: [Q8IXZ2](#)

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