Datasheet for ABIN7556146

ZC3H4 Protein (AA 1-1303) (His tag)

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Overview

Quantity:	1 mg
Target:	ZC3H4
Protein Characteristics:	AA 1-1303
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZC3H4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZC3H4 Protein expressed in mammalian cells.
Sequence:	MEAAPGTPPP PPSESPPPPS PPPPSTPSPP PCSPDARPAT PHLLHHRLPL PDDREDGELE EGELEDDGAE ETQDTSGGPE RSRKEKGEKH HSDSDEEKSH RRLKRKRKKE REKEKRRSKK RRKSKHKRHA SSSDDFSDFS DDSDFSPSEK GHRKYREYSP PYAPSHQQYP PSHATPLPKK AYSKMDSKSY GMYEDYENEQ YGEYEGDEEE DMGKEDYDDF TKELNQYRRA KEGSSRGRGS RGRGRGYRGR GSRGGSRGRG MGRGSRGRGR GSMGGDHPED EEDFYEEEMD YGESEEPMGD DDYDEYSKEL NQYRRSKDSR GRGLSRGRGR GSRGRGKGMG RGRGRGGSRG GMNKGGMNDD EDFYDEDMGD GGGGSYRSRD HDKPHQQSDK KGKVICKYFV EGRCTWGDHC NFSHDIELPK KRELCKFYIT GFCARAENCP YMHGDFPCKL YHTTGNCING DDCMFSHDPL TEETRELLDK MLADDAEAGA EDEKEVEELK KQGINPLPKP PPGVGLLPTP PRPPGPQAPT SPNGRPMQGG PPPPPPPPPP PPGPPQMPMP VHEPLSPQQL QQQDMYNKKI PSLFEIVVRP TGQLAEKLGV RFPGPGGPPG PMGPGPNMGP PGPMGGPMHP DMHPDMHPDM HPDMHADMHA DMPMGPGMNP GPPMGPGGPP MMPYGPGDSP HSGMMPPIPP AQNFYENFYQ QQEGMEMEPG

	LLGDAEDYGH YEELPGEPGE HLFPEHPLEP DSFSEGGPPG RPKPGAGVPD FLPSAQRALY LRIQQKQQEE EERARRLAES SKQDRENEEG DTGNWYSSDE DEGGSSVTSI LKTLRQQTSS RPPASVGELS SSGLGDPRLQ KGHPTGSRLA DPRLSRDPRL TRHVEASGGS GPGDSGPSDP RLARALPTSK PEGSLHSSPV GPSSSKGSGP PPTEEEEGER ALREKAVNIP LDPLPGHPLR DPRSQLQQFS HIKKDVTLSK PSFARTVLWN PEDLIPLPIP KQDAVPPVPA ALQSMPTLDP RLHRAATAGP PNARQRPGAS TDSSTQGANL PDFELLSRIL KTVNATGSSA APGSSDKPSD PRVRKAPTDP RLQKPTDSTA SSRAAKPGPA EAPSPTASPS GDASPPATAP YDPRVLAAGG LGQGGGGGQS SVLSGISLYD PRTPNAGGKA TEPAADTGAQ PKGAEGNGKS SASKAKEPPF VRKSALEQPE TGKAGADGGT PTDRYNSYNR PRPKAAAAPA ATTATPPPEG APPQPGVHNL PVPTLFGTVK QTPKTGSGSP FAGNSPAREG EQDAASLKDV FKGFDPTASP FCQ **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:	ZC3H4
Alternative Name:	ZC3H4 (ZC3H4 Products)
Background:	Zinc finger CCCH domain-containing protein 4,FUNCTION: RNA-binding protein that suppresses transcription of long non-coding RNAs (lncRNAs) (PubMed:33913806, PubMed:33767452). LncRNAs are defined as transcripts more than 200 nucleotides that are not translated into protein (PubMed:33913806, PubMed:33767452). Together with WDR82, part of a transcription termination checkpoint that promotes transcription termination of lncRNAs and their subsequent degradation by the exosome (PubMed:33913806, PubMed:33767452). The transcription termination checkpoint is activated by the inefficiently spliced first exon of lncRNAs (PubMed:33767452). {ECO:0000269|PubMed:33767452, ECO:0000269|PubMed:33913806}.
Molecular Weight:	140.3 kDa
UniProt:	Q9UPT8

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