

Datasheet for ABIN7545740
ZNF432 Protein (AA 1-652) (His tag)



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Overview

Quantity:	1 mg
Target:	ZNF432
Protein Characteristics:	AA 1-652
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZNF432 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZNF432 Protein expressed in mammalian cells.
Sequence:	<p>MINAQELLTL EDVTVFTWE EWQLLGPFGK DLYRDVMLEI YSNLLSMGYQ VSKPDALSKL ERGEEPWTME DERHSRICPE NNEVDDHLQD HLENQRMLKS VEQYHEHNAF GNTASQTKSL CLFRENHDTF ELYIKTLKSN LSLVNQNKSC EINNSTKFSG DGKSFLHGNY EELYSAAKFS VSTKANSTKS QVSKHQRTHE IEKNHVCSEC GKAFVKKSQL TDHERVHTGE KPYGCTLCAK VFSRKSRLNE HQRHKREKS FICSECGKVF TMKSRLIEHQ RTHTGEKPYI CNECGKGFPG KRNLIVHQRN HTGEKSYICS ECGKGFTGKS MLIHQRTHT GEKPYICSEC GKGFTTKHYV IIHQRNHTGE KPYICNECGK GFTMKSRMIE HQRTHHTGEKPYICSEC GKGFTTKHYV RNHTVEKSYL CSECGKGFTV KSMLIIHQRT HTGEKPYTCS ECGKGFPLKS RLIVHQRTHHT GEKPYRCSEC GKGFIIVNSGL MLHQRTHHTGE KPYICNECGK GFVFKSNLVV HQRTHHTGEKPY FMCSECGKGF TMKRYLIVHQ QIHTEEKSCI CSECGRFAK ETELALHKQV HTGEKPYGCN ECGKGFTMKS RLIVHQRTHHT GEKPFVCSK RKAFFSSKRNL IVHQRTHHTGN KP Sequence without tag. The proposed Purification-Tag is based on experiences with the expression</p>

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: ZNF432

Alternative Name: ZNF432 ([ZNF432 Products](#))

Background: Zinc finger protein 432,FUNCTION: Homologous recombination repressor that functions as a poly(ADP-ribose) (PAR) reader regulating DNA damage response and PARP inhibition. Once recruited to DNA lesions via DNA-, in a PAR-dependent mechanism, stimulates PARP1 activity (PubMed:37823600). Binds preferentially ssDNA and inhibits EXO1-mediated resection, probably through a PAR-independent DNA-binding mechanism (PubMed:37823600). {ECO:0000269|PubMed:37823600}.

Molecular Weight: 74.8 kDa

UniProt: [O94892](#)

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
