

Datasheet for ABIN7564644
ZNF828 Protein (AA 1-802) (His tag)



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Overview

Quantity:	1 mg
Target:	ZNF828
Protein Characteristics:	AA 1-802
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZNF828 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Champ1 Protein expressed in mammalian cells.
Sequence:	<p>MEVCQELRKP ALSLECGHCS FRGTDYENVQ LHMGSIHPEF CDDMDAGGLG KLIFYQKSAK</p> <p>LFHCHKCFFT SKLYANVYYH ITARHAASDK WSEQPKEQPS KDTESGKSPS PPERQNPAFD</p> <p>PAEARPTPAL PMEAAKTSPS LCPESQASGP PVLEPQGAGP LISPEPQAPC LPAEASKAAP</p> <p>VPCPERVDPP CELPELEKPE RGPSPESVKS ALVSSKPPKH SSFADTGAAP SALSPESPVL</p> <p>ATSPEPWGPS LSASPESRKP ARTASPEPRK PSPAESPELW KPFPAAIASEP RRPTPAVSPG</p> <p>SWKPGPPGSP RPWKSSPSAT SGPWKSSKPV QPMSPGPWK IPSVSPGPWK PAPSMSTASW</p> <p>KSSVSSGSWK TPPTSPESWK SGPELKRKA LPLSPEHWKA VPPVSPELRR PGPPLSPEIR</p> <p>SPAGSPELKK PSSSPDLWKV SPDQRKTSPA SLDFPEPQKS SCGSPPDLWK SSFIMESQKP</p> <p>NVFSETRKHT ASGSSESPKV ASDIWKPVLS IDAEPKSTL FPEPTKAVLP ASPEPRKRAL</p> <p>FPESRKHVFL PELPKSAVFS DAQKAPELSE EIQLEAVDNA KCDSLAEQGL LATPKLLDE</p> <p>ALSPSSKKLK KDSQENSDAE LSSSEYIRAD LDTLDTKGQE SSSDQEQVDV ESIDFSKENK</p> <p>MEMGSTEQAK NVLQFTEEKE AFISEEEIAK YMKRGKGKYY CKICCCRAMK KGAVLHHLVN</p>

Product Details

KHNVHSPYKC TICGKAFLE SLLKNHVAAH GQSLKCPRC NFESNFPRGF KKHLLTHCQSR
HNEEVNKKLM EALESPLLEEQ QI **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: ZNF828

Alternative Name: Champ1 ([ZNF828 Products](#))

Background: Chromosome alignment-maintaining phosphoprotein 1 (Zinc finger protein 828),FUNCTION: Required for proper alignment of chromosomes at metaphase and their accurate segregation during mitosis. Involved in the maintenance of spindle microtubules attachment to the kinetochore during sister chromatid biorientation. May recruit CENPE and CENPF to the kinetochore (By similarity). {ECO:0000250}.

Molecular Weight: 87.6 kDa

Target Details

UniProt:	Q8K327
Pathways:	Maintenance of Protein Location

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