

Datasheet for ABIN7545668
ZNF568 Protein (AA 1-644) (His tag)



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Overview

Quantity:	1 mg
Target:	ZNF568
Protein Characteristics:	AA 1-644
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZNF568 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZNF568 Protein expressed in mammalian cells.
Sequence:	MTSQSSVISN SCVTMERLSH MMERKAWCSQ ESALSEEEEEED TTRPLETVTF KDAVDLTQE EWEQMKPAQR NLYRDVMLEN YSNLVTVGCQ VTKPDVIFKL EQEEEPWVME EEMFGRHCPE VWEVDEQIKK QQETLVRKVT SISKILIKE KVIECKKVAK IFPLSSDIVT SRQSFYDCDS LDKGLEHNLD LLRYEKGCVR EKQSNEFGKP FYHCASYVVT PFKCNQCGQD FSHKFDLIRH ERIHAGEKPY ECKECKGKAFS RKENLITHQK IHTGEKPYKC NECGKAFIQM SNLIRHHRIH TGEKPYACKD CWKAFSQSN LIEHERIHTG EKPYECKECKG KSFSQKQNLI EHEKIHTGEK PYACNECGRA FSRMSSVTLH MRSHTGEKPY KCKNCGKAFS QCSVFIIHMR SHTGEKPYVC SECGKAFSQS SSLTVHMRNH TAEKPYECKE CGKAFSRKEN LITHQKIHTG EKPYEKSECG KAFIQMSNLI RHQRIHTGEK PYACTVCGKA FSQKSNLTEH EKIHTGEKPY HCNQCGKAFS QRQNLEHEK IHTGEKPFKC NECGKAFSRI SSLTLHVRSH TGEKPYECNK CGKAFSQCSL LIIHMRSHTG EKPFEKNECG KAFSQRASLS IHKRGHTGER HQVY Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different

Product Details

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: ZNF568

Alternative Name: ZNF568 ([ZNF568 Products](#))

Background: Zinc finger protein 568,FUNCTION: Has transcriptional repression activity, partially through the recruitment of the corepressor TRIM28 but has also repression activity independently of this interaction. Essential during embryonic development, where it acts as a direct repressor of a placental-specific transcript of IGF2 in early development and regulates convergent extension movements required for axis elongation and tissue morphogenesis in all germ layers. Also important for normal morphogenesis of extraembryonic tissues including the yolk sac, extraembryonic mesoderm and placenta. May enhance proliferation or maintenance of neural stem cells. {ECO:0000250|UniProtKB:E9PY11}.

Target Details

Molecular Weight: 74.4 kDa

UniProt: [Q3ZCX4](#)

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