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Datasheet for ABIN7556119  
**ZNF521 Protein (AA 1-1311) (His tag)**

## Overview

Quantity:	1 mg
Target:	ZNF521
Protein Characteristics:	AA 1-1311
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZNF521 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant ZNF521 Protein expressed in mammalian cells.
Sequence:	MSRRKQAKPR SLKDPNCKLE DKTEDGEALD CKKRPEDGEE LEDEAVHSCD SCLQVFESLS DITEHKINQC QLTDGVDVED DPTCSWPASS PSSKDQTSPS HEGECDFGEE EGGPGLPYPC QFCDKSFRL SYLKHHEQSH SDKLPFKCTY CSRLFHKHRS RDRHIKLHTG DKKYHCSECD AAFSRSDHLK IHLKTHTSNK PYKCAICRRG FLSSSSLHGH MQVHERNKDG SQSGSRMEDW KMKDTQKCSQ CEEGFDFPED LQKHIAECHP ECSPNEDRAA LQCVYCHELF VEETSLMNMHM EQVHSGEKKN SCSICSESFH TVEELYSHMD SHQQPESCNH SNSPSLVTVG YTSVSSTTPD SNLSVDSSTM VEAAPPPIKS RGRKRAAQQT PDMTGPSSKQ AKVTYSCIYC NKQLFSSLAV LQIHLKTMHL DKPEQAHICQ YCLEVLPSLY NLNEHLKQVH EAQDPGLIVS AMPAIVYQCN FCSEVNDLN TLQEHIRCSH GFANPAAKDS NAFFCPHCYM GFLTDSLEE HIRQVHCDLS GSRFGSPVLG TPKEPVVEVY SCSYCTNSPI FNSVLKLNKH IKENHKNIPL ALNYIHNGKK SRALSPLSPV AIEQTSLKMM QAVGGAPARP TGEYICNQC AKYTSLDSFQ THLKTHLDTV LPKLTCPQCN KEFPNQESLL KHVTIHFMIT STYYICESCD KQFTSVDDLQ KHLLDMHTFV

FFRCTLQCQEV FDSKVSQQLH LAVKHSNEKK VYRCTSCNWD FRNETDLQLH VKHNHLENQG  
KVHKCIFCGE SFGTEVELQC HITTHSKKYN CKFCSKAFHA IILLEKHLRE KHCVFETKTP  
NCGTNGASEQ VQKEEVELQT LLTNSQESHN SHDGSEEDVD TSEPMYGCDDI CGAAYTMETL  
LQNHQLRDHN IRPGESAIVK KKAELIKGNY KCNVCSTRTFF SENGLREHMVQ THLGPVKHYM  
CPICGERFPS LLTLTEHKVT HSKSLDTGNC RICKMPLQSE EEFLEHCQMH PDLRNSLTGF  
RCVVCMQTVT STLELKIHTG FHMQKTGNNGS AVQTTGRGQH VQKLYKCASC LKEFRSKQDL  
VKLDINGLPY GLCAGCVNLS KSASPGINVP PGTNRPLGLQ NENLSAIEGK GKVGGGLKTRC  
SSCNVKFESE SELQNHQTI HRELVPDSNS TQLKTPQVSP MPRISPSQSD EKKTYQCIKC  
QMVFYNEWDI QVHVANHMID EGLNHECKLC SQTFDSPAKL QCHLIEHSFE GMGGTFKCPV  
CFTVFVQANK LQQHIFSAHG QEDKIYDCTQ CPQKFFFQTE LQNHTMTQHS S **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.**

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**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.

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**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.

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**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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**Grade:** custom-made

## Target Details

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Target:	ZNF521
Alternative Name:	ZNF521 ( <a href="#">ZNF521 Products</a> )
Background:	Zinc finger protein 521 (Early hematopoietic zinc finger protein) (LYST-interacting protein 3),FUNCTION: Transcription factor that can both act as an activator or a repressor depending on the context. Involved in BMP signaling and in the regulation of the immature compartment of the hematopoietic system. Associates with SMADs in response to BMP2 leading to activate transcription of BMP target genes. Acts as a transcriptional repressor via its interaction with EBF1, a transcription factor involved specification of B-cell lineage, this interaction preventing EBF1 to bind DNA and activate target genes. {ECO:0000269 PubMed:14630787}.
Molecular Weight:	147.9 kDa
UniProt:	<a href="#">Q96K83</a>

## Application Details

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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

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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