

Datasheet for ABIN7556126

ZNF518A Protein (AA 1-1483) (His tag)



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Overview

Quantity:	1 mg
Target:	ZNF518A
Protein Characteristics:	AA 1-1483
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZNF518A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZNF518A Protein expressed in mammalian cells.
Sequence:	MPSEQKQLFC DEKQTTLKKD YDVKNEIVDR SAPKPKISGS IHYALKNVKI DLPKINIPNE VLLKHEVDKY RKLFSKQQT ARKSISIKTV SCVEECTLLH KSERAE EEGV KMSAKILNFS CLKCRDNTRY SPNDLQKHFQ MWHHGELPSY PCEMCNFSAN DFQVFKQHRR THRSTLVKCD ICNNESVYTL LNLTKHFTST HCVNGNFQCE KCKFSTQDVG TFVQHIHRHN EIH YKCGKCH HVCFTKGELQ KHLHIHSGTF PFTCQYCSYG ATRREHLVRH VITLHKEHLY AKEKLEKDKY EKRMAKTSAG LKLILKRYKI GASRKTFWKR KKINSGSDRS IEKNTQVLKK MNKTQTKSED QSHVVQEHLS EEKDERLHCE NNDKAPESSES EKPTPLSTGQ GNRAEEGPNA SSGFMKTAVL GPTLKNVMMK NNKLA VSPNY NATFMGFKMM DGKQHIVLKL VPIKQNV CSP GSQSGAAKDG TANLQPQTLT TNGFLTGVTT ELNDTVYMKA ATPFSCSSSI LSGKASSEKE MTLISQRNNM LQTM DYEKSV SSSLATSELV TASVNLTTKF ETRDNVDFWG NHLTQSHPEV LGTTIKSPDK VNCVAKPNAY NSGDMHNYCI NYGNCELPVE SSNQGSLPFH NYSKVNNSNK RRRFSGTAVY ENPQRESSSS KTVVQQPISE SFLSLVRQES SKPDSLLASI SLLNDKDGT L KAKSEIEEQY

VLEKGQNIDG QNLYSNENQN LECATEKSKW EDFSNVDSPM MPRITSVFSL QSQQASEFLP
PEVNQLLDV LKIKPDVKQD SSNTPNKGLP LHCDQSFQKH EREGKIVESS KDFKVQGIFP
VPPGSVGINV PTNDLNLKFG KEKQVSSIPQ DVRDSEKMPR ISGFGTLLKT QSDAITQQL
VKDKLRATTQ NLGSFYMQSP LLNSEQKKTIVQTSKGFLI PLNITNKPGL PVIPGNALPL
VNSQGIPASL FVNKKPGMVL TLNNGKLEGV SAVKTEGAPA RGTVTKEPCK TPILKVEPNN
NCLTPGLCSS IGSCLSMKSS SENTLPLKGP YILKPTSSVK AVLIPNMLSE QQSTKLNISD
SVKQQNEIFP KPPLYTFLPD GKQAVFLKCV MPNKTELLKP KLVQNSTYQN IQPKKPEGTP
QRILLKIFNP VLNVTAAANNL SVSNSASSLQ KDNVPSNQII GGEQKEPESR DALPFLDDL
MPANEIVITS TATCPESSEE PICVSDCES RVLCKTNCR IERNFNRKKT SKKIFSKTKT
HGSKDSEAF VSRNRNCKRK CRDSYQEPPI RKATLHRKCK EKAKPEDVRE TFGFSRPRLS
KDSIRTLRLF PFSSQLVKC PRRNQPVVVL NHPDADAPEV VSVMKTIKAF NGHVLKVSL
KRTINALLKP VCYNPPKTTY DDFSRRHKT KPVSSVKERF VLKLTLLKTS KNNYQIVKTT
SENILKAKFN CWFCGRVFDN QDTWAGHGQR HLMEATRDWN MLE **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:	ZNF518A
Alternative Name:	ZNF518A (ZNF518A Products)
Background:	Zinc finger protein 518A,FUNCTION: Through its association with the EHMT1-EHMT2/G9A and PRC2/EED-EZH2 histone methyltransferase complexes may function in gene silencing, regulating repressive post-translational methylation of histone tails at promoters of target genes. {ECO:0000250 UniProtKB:B2RRF6}.
Molecular Weight:	166.8 kDa
UniProt:	Q6AHZ1

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