

Datasheet for ABIN7556134
ZNF516 Protein (AA 1-1163) (His tag)



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Overview

Quantity:	1 mg
Target:	ZNF516
Protein Characteristics:	AA 1-1163
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZNF516 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZNF516 Protein expressed in mammalian cells.
Sequence:	<p>MDRNREAEME LRRGSPSPTRA GRGHEVDGDK ATCHTCCICG KSFPFQSSLS QHMRKHTGEK PYKCPYCDHR ASQKGNLKI IRSHRTGTLI QGHEPEAGEA PLGEMRASEG LDACASPTKS ASACNRLLNG ASQADGARVL NGASQADSGR VLLRSSKKGA EGSACAPGEA KAAVQCSFCK SQFERKKDLE LHVHQAHPF KCRLCSYATL REESLLSHIE RDHITAQGP SGEACVENGK PELSPGEFPC EVCGQAFSQT WFLKAHMKKH RGSFDHGCHI CGRRFKEPWF LKNHMKAHGP KTGSKNRPKS ELDPIATINN VVQEEVIVAG LSLYECAKC GNLFNTLDSL NAHNAIHRRV EASRTRAPAE EGAEGPSDTK QFFLQCLNLR PSAAGDSCPG TQAGRRVAEL DPVNSYQAWQ LATRGKVAEP AEYLKYGAWD EALAGDVAFD KDRREYVLVS QEKREKREQDA PAAQGPPRKR ASGPGDPAPA GHLDPRSAAR PNRRAAATTG QGKSSECFEC GKIFRTYHQM VLHSRVHRRR RRERDSGDGR AARARCGSL EGDSSAQPS PGSACAAADS PGSGLADEAA EDSGEEGAPE PAPGGQPRRC CFSEEVSTSTE LSSGDQSHKM GDNASERDTG ESKAGIAASV SILENSSRET SRRREQHRFS MDLKMPAFHP KQEVVPGDG VEFPSSTGAE GQTGHPAEKL SDLHNKEHSG</p>

Product Details

GGKRALAPDL MPLDLSARST RDDPSNKETA SSLQAALVVH PCPYCSHKTY YPEVLWMHKR
IWHRVSCNSV APPWIQPNGY KSIRSNLVFL SRSGRTGPPP ALGGKECQPL LLARFTRTQV
PGGMPSKSG SSPLGVVTKA ASMPKNKESH SGGPCALWAP GPDGYRQTKP CHGQEPHGAA
TQGPLAKPRQ EASSKPVPAP GGGGFSRSAT PTPTVIARAG AQPSANSKPV EKFGVPPAGA
GFAPTNKHS A PDSLKAKFSA QPQGPPPAKG EGGAPPLPPR EPPSKAAQEL RTLATCAAGS
RGDAALQAQP GVAGAPPVLH SIKQEPVAEG HEKRLDILNI FKTYIPKDF A TLYQGWGVSG
PGLEHRGTLR TQARPGFVC IECGKSFHQP GHLRAHMHRAH SVVFESDGPR GSEVHTTSAD
APKQGRDHSN TGTVQTVPLR KGT **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: ZNF516

Alternative Name: ZNF516 ([ZNF516 Products](#))

Background: Zinc finger protein 516,FUNCTION: Transcriptional regulator that binds to the promoter and

Target Details

activates the transcription of genes promoting brown adipose tissue (BAT) differentiation. Among brown adipose tissue-specific genes, binds the proximal region of the promoter of the UCP1 gene to activate its transcription and thereby regulate thermogenesis (By similarity). May also play a role in the cellular response to replication stress (PubMed:23446422). {ECO:0000250|UniProtKB:Q7TSH3, ECO:0000269|PubMed:23446422}.

Molecular Weight:	124.3 kDa
UniProt:	Q92618

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