

Datasheet for ABIN7556136
ZNF827 Protein (AA 1-1081) (His tag)



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Overview

Quantity:	1 mg
Target:	ZNF827
Protein Characteristics:	AA 1-1081
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZNF827 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZNF827 Protein expressed in mammalian cells.
Sequence:	<p>MPRRKQEQPK RLP SHVSRQE EAEGELSEGE HWYGNSSETP SEASYGEVQE NYKLSLEDRI QEQSTSPDTS LGSTTPSSHT LELVALDSEV LRDSLQCQDH LSPGVSSLCD DDPGSNKPLS SNLRRLLLEAG SLKLDAATA NGRVESPVNV GSNLSFSPPS HHAQQLSVLA RKLAEKQEQN DQYTPSNRFI WNQGKWL PNS TTTCSLSPDS AILKLKAAAN AVLQDKSLTR TEETMRFESF SSPFSSQSAS STLAALSKKV SERSLTPGQE HPPPASSFLS LASMTSSAAL LKEVAARAAG SLLAEKSSLL PEDPLPPPPS EKKPEKVTPP PPPPPPPPPP PPPQSLELLL LPVPKGRVSK PSNSASEEES GKPFQCPICG LVIKRKSYWK RHMVIHTGLK SHQCPLCPFR CARKDNLKSH MKVHQHQDRG ETFQCQLCPF TSSRHFSCLK HMRCHQHFLR TEAKVKEEIP DPDVKGSPHL SDSACLGQQR EGGTEL VGT MMTSNTPERT SQGGAGVSPL LVKEEPEDN GLPTSFTLNA ADRPANHTKL KDPSEYVANS ASALFSQDIS VKMASDFLMK LSAANQKEPM NLNFKVKEEP KEGESLSTTL PRSSYVFSPE SEVSAPGVSE DALKPQEGKG SVLRRDVSVK AASELLMKLS AESYKETQMV KIKEEPM EVD IQDSHVSISP SRNVGYSTLI GREKTEPLQK MPEGRVPPER</p>

Product Details

NLFSQDISVK MASELLFQLS EKVSKEHNHT KENTIRTTTS PFFSEDTFRQ SPFTSNSKEL
LPDSVVLHGR ISAPETEKIV LEAGNGLPSW KFNDQLFPCD VCGKVFGRQQ TLSRHLSLHT
EERKYKCHLC PYAAKCRANL NQHLLTVHSVK LVSTDTEDIV SAVTSEGSDG KKHPYYSCH
VCGFETELNV QFVSHMSLVH DKEQWMFSIC CTACDFVTME EAEIKTHIGT KHTGEDRKTP
SESNSPSSSS LSALSDSANS KDDSDGSQKN KGGNNLLVIS VMPGSQPSLN SEEKPEKGFE
CVFCNFVCKT KNMFERHLQI HLITRMFECV VCHKFMKTPE QLLEHKKCHT VPTGGLNSGQ W

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: ZNF827

Alternative Name: ZNF827 ([ZNF827 Products](#))

Background: Zinc finger protein 827,FUNCTION: As part of a ribonucleoprotein complex composed at least of HNRNPK, HNRNPL and the circular RNA circZNF827 that nucleates the complex on

Target Details

chromatin, may negatively regulate the transcription of genes involved in neuronal differentiation (PubMed:33174841). Could also recruit the nucleosome remodeling and histone deacetylase/NuRD complex to telomeric regions of chromosomes to regulate chromatin remodeling as part of telomere maintenance (PubMed:25150861).
{ECO:0000269|PubMed:25150861, ECO:0000269|PubMed:33174841}.

Molecular Weight: 119.2 kDa

UniProt: [Q17R98](#)

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