

Datasheet for ABIN7548627

KCTD19 Protein (AA 1-926) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	KCTD19
Protein Characteristics:	AA 1-926
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KCTD19 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant KCTD19 Protein expressed in mammalian cells.
Sequence:	MEESGMAHES AEDLFHFNVG GWHFSVPRSK LSQFPDSSLW KEASALTSSE SQRLFIDRDG STFRHVHYYL YTSKLSFSSC AELNLLYEQA LGLQLMPLLQ TLDNLKEGKH HLRVRPADLP VAERASLNYW RTWKCISKPS EFPIKSPAFT GLHDKAPLGL MDTPLLDTEE EVHYCFLPLD LVAKYPSLVT EDNLLWLAET VALIECEGSE FRFIVNFLRS QKILLPDNFS NIDVLEAEVE ILEIPALTEA VRWYRMNMGG CSPTTCSPLS PGKGARTASL ESVKPLYTMA LGLLVKYPDS ALGQLRIEST LDGSRLYITG NGVLFQHVKN WLGTCLPLT ETISEVYELC AFLDKRDITY EPIKVALKTH LEPRTLAPMD VLNEWTAEIT VYSPQIIKV YVGS HWYATT LQTLKYPEL LSNPQRVYWI TYGQTLLIHG DGQMF RHILN FLRLGKFLP SEFKEWPLFC QEVEEYHIPS LSEALAQCEA YKSWTQEKES ENEEAFSIRR LHVVTEGPGS LVEFSRDTKE TTAYMPVDFE DCSDRTPWNK AKGNLVR SNQ MDEAEQYTRP IQVSLCRNAK RAGNPSTYSH CRGLCTNPGH WGSHPESPCK KKCTTINLTQ KSETKDPPAT PMQKLISLVR EWDMVNCKQW EFQPLTATRS SPLEEATLQL PLGSEAASQP STSAAWKAHS TASEKDPGPQ AGAGAGAKDK GPEPTFKPYL PPKRAGTLKD

Product Details

WSKQRTKERE SPAPEQPLPE ASEVDSLGI LKVTHPPVVG SDGFCMFFED SIIYTTEMDN
LRHTTPTASP QPQEVTFSLF SLSWEEMFYA QKCHCFLADI IMDSIRQKDP KAITAKVVSL
ANRLWTLHIS PKQFVVDLLA ITGFKDDRHT QERLYSWVEL TLPFARKYGR CMDLLIQRGL
SRSVSYSLG KYLQED **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: KCTD19

Alternative Name: KCTD19 ([KCTD19 Products](#))

Background: BTB/POZ domain-containing protein KCTD19 (Potassium channel tetramerization domain-containing protein 19),FUNCTION: Transcription regulator which is essential for male fertility and for the completion of meiotic prophase in spermatocytes. Regulates progression of the pachytene stage of meiotic prophase and promotes the transcriptional activation activity ZNF541. Required for the organization of chromosomes during metaphase I.

Target Details

{ECO:0000250|UniProtKB:Q562E2}.

Molecular Weight: 104.9 kDa

UniProt: [Q17RG1](#)

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