

Datasheet for ABIN7558504
KCTD3 Protein (AA 1-815) (His tag)



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Overview

Quantity:	1 mg
Target:	KCTD3
Protein Characteristics:	AA 1-815
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KCTD3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Kctd3 Protein expressed in mammalian cells.
Sequence:	MAGGHCGSFA ASAASSGEIV QLNVGGRFS TSRQTLMWIP DSFFSLLSG RISTLRDETG AIFIDRDPAA FAPILNFLRT KELDLRGVSI NVLRHEAEFY GITPLVRRLL LCEELERSSC GSVLFHGYLP PPGIPSRKVT NTARSSVDAR NGLNSMEGEA RGNGTQPVLA GNGEDTIRLG VPVDPRKVLV VAGHHNWIVA AYAHFVAVCYR IKESSGWQQV FTSPYLDWTI ERVALNAKVV GGPHGDKDKM VAVASESSII LWSVQDGGSG SEIGVFSLVG PVDALFFIGN QLVATSHTGK VGWVNAVQTH WQVQDVVPIT SYDTAGSFL LGCNNGSIYY IDMQKFLRM KDNDLLVTEL YHDPSNDAVT ALSVYLT PKT SVSGNWIEIA YGTSSGAVRV IVQHPETVGS GPQLFQTFTV HRSPVTKIML SEKHLVSVCA DNNHVRTWTV TRFRGMISTQ PGSTPLASFK ILSLEETESH GSYSSGNDIG PFGERRDDQV FIKVVPITN KLFVRLSSTG KRICEIQAVD CTTISSFTVR ECEGSSRMGS RPRRYLFTGH TNGSIQMWDL TTAMDMVNKT EDKDAGGPTE EELLKLLDQC DLSTSRCATP NISPATSVLQ HSRLRESSSS LQLQHHTIIEA EAATYGATRP YRESPLLARA RRTESFHSYR DFQTLNLNRS IERPVPENH MGPAQTEVKG AAGECAMSER RSPGTEVRCG

Product Details

RESDGGLELVH RTAEGLESEPK KRSAEDENEH KVEFRKKGFE AGGFLGRKKV PYLASSPSTS
DGGTDSPGTA SPSPTKTTPS PRHKKSDSSG QEYSL **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: KCTD3

Alternative Name: Kctd3 ([KCTD3 Products](#))

Background: BTB/POZ domain-containing protein KCTD3,FUNCTION: Accessory subunit of potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 3 (HCN3) up-regulating its cell-surface expression and current density without affecting its voltage dependence and kinetics. {ECO:0000269|PubMed:23382386}.

Molecular Weight: 88.9 kDa

Target Details

UniProt: [Q8BFX3](#)

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