Datasheet for ABIN7558586

KCTD13 Protein (AA 1-329) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	KCTD13
Protein Characteristics:	AA 1-329
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KCTD13 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Kctd13 Protein expressed in mammalian cells.
Sequence:	MSAEASGPAP AAAECLESPS PSSVEPGSPS YSLKPLTPNS KYVKLNVGGS LHYTTLRTLT GQDTMLKAMF SGRVEVLTDA GGWVLIDRSG RHFGTILNYL RDGSVPLPES ARELGELLGE ARYYLVQGLI EDCQLALQQK REKLSPLCLI PTVTSPREEQ QLLASTSKPV VKLLHNRSNN KYSYTSTSDD NLLKNIELFD KLALRFHGRL LFLKDVLGDE ICCWSFYGQG RKIAEVCCTS IVYATEKKQT KVEFPEARIF EETLNILIYE NSRGPDLALL EATGGAAGGG GAGRGDDEEN REHRVRRIHV RRHITHDERP HGQQIVFKD **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:

Product Details

- 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:	KCTD13
Alternative Name:	Kctd13 (KCTD13 Products)
Background:	BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 1 (BTB/POZ domain-containing protein KCTD13) (Polymerase delta-interacting protein 1),FUNCTION: Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex required for synaptic transmission (PubMed:29088697). The BCR(KCTD13) E3 ubiquitin ligase complex mediates the ubiquitination of RHOA, leading to its degradation by the proteasome, thereby regulating the actin cytoskeleton and promoting synaptic transmission (PubMed:29088697). {ECO:0000269|PubMed:29088697}.
Molecular Weight:	36.4 kDa
UniProt:	Q8BGV7

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.

Application Details

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

Copyright antibodies-online. All rights reserved.