Datasheet for ABIN7558784
KCTD6 Protein (AA 1-237) (His tag)

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Overview

Quantity:	1 mg
Target:	KCTD6
Protein Characteristics:	AA 1-237
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KCTD6 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Kctd6 Protein expressed in mammalian cells.
Sequence:	MDNGDWGYMM SDPVTLNVGG HLYTTSLTTL TRYPDSMLGA MFGGDFPTAR DPQGNYFIDR DGPLFRYVLN FLRTSELTLP LDFKEFDLLR KEADFYQIEP LIQCLNDPRP LYPMDTFEEV VELSSTRKLS KYSNPVAVII TQLTITTKVH SLLEGISNYF TKWNKHMMDT RDCQVSFTFG PCDYHQEVSL RVHLMEYITK QGFTIRNTRV HHMSERANEN TVEHNWTFCR LARKTDD **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.

Product Details

- 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:	KCTD6
Alternative Name:	Kctd6 (KCTD6 Products)
Background:	BTB/POZ domain-containing protein KCTD6,FUNCTION: Probable substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex mediating the ubiquitination and subsequent proteasomal degradation of target proteins. Promotes the ubiquitination of HDAC1, the function seems to depend on KCTD11:KCTD6 oligomerization. Can function as antagonist of the Hedgehog pathway by affecting the nuclear transfer of transcription factor GLI1, the function probably occurs via HDAC1 down-regulation, keeping GLI1 acetylated and inactive. Inhibits cell growth and tumorigenicity of medulloblastoma (MDB). Involved in regulating protein levels of ANK1 isoform Mu7 probably implicating CUL3-dependent proteasomal degradation. {ECO:0000250|UniProtKB:Q8NC69}.
Molecular Weight:	27.6 kDa
UniProt:	Q8BNL5

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

	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