

Datasheet for ABIN7557409
KCTD8 Protein (AA 1-476) (His tag)



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Overview

| | |
|-------------------------------|----------------------------------------------|
| Quantity: | 1 mg |
| Target: | KCTD8 |
| Protein Characteristics: | AA 1-476 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This KCTD8 protein is labelled with His tag. |

Product Details

| | |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose: | Custom-made recombinant Kctd8 Protein expressed in mammalian cells. |
| Sequence: | <p>MALKDTGSGG STILPISEMV SASSSPGAPL AAAPGPCAPS PFPEVVELNV GGQVYVTKHS TLLSVPDSTL ASMFSPSSPR GGARRRGDLP RDSRARFFID RDGFLFRYVL DYLRDKQLAL PEHFPEKERL LREAFFQLT DLVKLLSPKV TKQNSLNDEC CQSDLEDNVS QGSSDALLLR GAAAGAPSGS GAHGVSGVVG GGSAPDKRSG FLTLGYRGSY TTVRDNQADA KFRRVARIMV CGRIALAKEV FGDTLNESRD PDRQPEKYTS RFYLKFTYLE QAFDRLSEAG FHMVACNSSG TAAFVNQYRD DKIWSSYTEY IFFRPPQKIV SPKQEHEDRK RDKVTDKGSE SGTSCNELST SSCDSHSEAS TPQDNPANTQ QAAAHQPNTL TLD RPSRKAP VQWMPPDKR RNSELFQSLI SKSRETNLSK KKVCEKLSVE EEMKKCIQDF KKIHIPDCFP ERKRQWQSEL LQKYGL 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.</p> |
| Specificity: | If you are looking for a specific domain and are interested in a partial protein or a different |

Product Details

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:

KCTD8

Alternative Name:

Kctd8 ([KCTD8 Products](#))

Background:

BTB/POZ domain-containing protein KCTD8,FUNCTION: Auxiliary subunit of GABA-B receptors that determine the pharmacology and kinetics of the receptor response. Increases agonist potency and markedly alter the G-protein signaling of the receptors by accelerating onset and promoting desensitization. {ECO:0000269|PubMed:20400944}.

Molecular Weight:

52.8 kDa

UniProt:

[Q50H33](#)

Pathways:

[Regulation of G-Protein Coupled Receptor Protein Signaling](#)

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
