

Datasheet for ABIN7548928
KLHDC5 Protein (AA 1-505) (His tag)



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Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | KLHDC5 (KLHL42) |
| Protein Characteristics: | AA 1-505 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This KLHDC5 protein is labelled with His tag. |

Product Details

| | |
|--------------|---|
| Purpose: | Custom-made recombinant KLHL42 Protein expressed in mammalian cells. |
| Sequence: | <p>MSAEEMVQIR LEDRCYPVSK RKLIEQSDYF RALYRSGMRE ALSQEAGGPE VQQLRGLSAP GLRLVLDVIN AGGAREGWLL GPRGEKGGGV DEDEEMDEVS LSELVEAAS FLQVTSLLQL LLSQVRLNNC LEMYRLAQVY GLPDLQEACL RFMVVHFHEV LCKPQFHLLG SPPQAPGDVS LKQRLREARM TGTPVLVALG DFLGGPLAPH PYQGEPPSML RYEEMTERWF PLANNLPPDL VNVRGYGSAI LDNYLFIVGG YRITSQEISA AHSYNPSTNE WLQVASMNQK RSNFKLVAVN SKLYAIGGQA VSNVECYNPE QDAWNFVAPL PNPLAEFSAC ECKGKIYVIG GYTTRDRNMN ILQYCPSSDM WTLFETCDVH IRKQQMVSVE ETIYIVGGCL HELGPNRRSS QSEDMLTVQS YNTVTRQWLY LKENTSKSGL NLTCALHNDG IYIMSRDVTL STSLEHRVFL KYNIFSDSWE AFRRFPAFGH NLLVSSLYLP NKAET 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:

KLHDC5 (KLHL42)

Alternative Name:

KLHL42 ([KLHL42 Products](#))

Background:

Kelch-like protein 42 (Cullin-3-binding protein 9) (Ctb9) (Kelch domain-containing protein 5),FUNCTION: Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex required for mitotic progression and cytokinesis. The BCR(KLHL42) E3 ubiquitin ligase complex mediates the ubiquitination and subsequent degradation of KATNA1. Involved in microtubule dynamics throughout mitosis. {ECO:0000269|PubMed:19261606}.

Molecular Weight:

56.9 kDa

UniProt:

[Q9P2K6](#)

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