

[Go to Product page](#)

Datasheet for ABIN7558493

**KLHDC5 Protein (AA 1-493) (His tag)**

## Overview

Quantity:	1 mg
Target:	KLHDC5 (KLHL42)
Protein Characteristics:	AA 1-493
Origin:	Mouse
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 SKLIEQSDYF RALYRSGMRE AVRPEVGPEV QQLRGLSAPG LRLVLDFINA GGAREGWGLS EDELAEASVL SEMVEAASFL QVTALLRLLL SHVRLGNCLE LYRLAQVYGL PDLQDACLRF MVLRFHQVLC QPQFPLLLSP PQAPGDCLSK QRLREARMRG TPVLVALGDF LGGPLAPHPY QGEPPSMLRY EETTERWFPL ANNLPDLVN VRGYGSAILD NYLFIVGGYR ITSQEISAAH SYNPIITNEWL QVASMNQKRS NFKLVAVNSK LYAIGGQAVS NVECYNPEQD AWNFVAPLPN PLAEFSAECG KGKIYVIGGY TTRDRNMNIL QYCPSADLWT LFETCDVHIR KQQMVSVEET IYIVGGCLHE LGPNRRSSQS EDMLTVQSYN TVTRQWLYLK ENTSKSGLNL TCALHNDGIY IMSRDVTLST SLEHRVFLKY NIFADSWEAF RRFPAFGHNL LISSLYLPNK AET <b>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.</b></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:

Klh42 ([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 (By similarity). {ECO:0000250}.

### Molecular Weight:

55.6 kDa

### UniProt:

[Q8BFQ9](#)

## 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