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Datasheet for ABIN7548931

**KLHL9 Protein (AA 1-617) (His tag)**

## Overview

Quantity:	1 mg
Target:	KLHL9
Protein Characteristics:	AA 1-617
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KLHL9 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat KLHL9 Protein expressed in mammalian cells.
Sequence:	MKVSLGNGEM GVSAHLQPCK AGTTRFFTSN THSSVVLQGF DQLRIEGLLC DVTLPVPGDGD EIFPVHRAMM ASASDYFKAM FTGGMKEQDL MCIKLHGVNK VGLKKIIDFI YAKLSLNMD NLQDTLEAAS FLQILPVLDF CKVFLISGVS LDNCVEVGRI ANTYNLIEVD KYVNNFILKN FPALLSTGEF LKLPFERLAF VLSSNSLKHC TELELFKAAC RWLRLEDPRM DYAAKLMKNI RFPLMTPQDL INYVQTVDFM RTDNTCVNLL LEASNYQMMP YMQPVMQSDR TAIRSDSTHL VTLGGVLRQQ LVVSKELRMY DERAQEWRS APMDAPRYQH GIAVIGNFLY VVGGQSNYDT KGKTAVDVF RFDPRYNKWM QVASLNEKRT FFHLSALKGH LYAVGGRSAA GELATVECYN PRMNEWSYVA KMSEPHYGHA GTVYGGGLMYI SGGITHDTFQ NELMCFDPDT DKWMQKAPMT TVRGLHCMCT VGDKLYVIGG NHFRGTSYD DVLSCHEYSP TLDQWTPIAA MLRGQSDVGV AVFENKIYVV GGYSWNNRCM VEIVQKYDPE KDEWHKVFDL PESLGGIRAC TLTVPPEEN PGSPSRESPL SAPSDHS <b>Sequence without tag. The proposed Purification-Tag is based on</b>

## Product Details

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**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.**

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

KLHL9

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### Alternative Name:

KLHL9 ([KLHL9 Products](#))

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### Background:

Kelch-like protein 9,FUNCTION: Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex required for mitotic progression and cytokinesis. The BCR(KLHL9-KLHL13) E3 ubiquitin ligase complex mediates the ubiquitination of AURKB and controls the dynamic behavior of AURKB on mitotic chromosomes and thereby coordinates faithful mitotic progression and completion of cytokinesis. {ECO:0000269|PubMed:14528312, ECO:0000269|PubMed:17543862, ECO:0000269|PubMed:19995937}.

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### Molecular Weight:

69.4 kDa

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### UniProt:

[Q9P2J3](#)

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## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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