

Datasheet for ABIN7548820  
**KLHDC8B Protein (AA 1-354) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	KLHDC8B
Protein Characteristics:	AA 1-354
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KLHDC8B protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat KLHDC8B Protein expressed in mammalian cells.
Sequence:	MSAGGGRAFA WQVFPPMPTC RVIYGTVAHQD GHLLVLGGCG RAGLPLDTAE TLDMASHTWL ALAPLPTARA GAAAVVLGKQ VLVVGGVDEV QSPVAAVEAF LMDEGRWERR ATLPQAAMGV ATVERDGMVY ALGGMGPDTA PQAQVRVYEP RRDCWLSLPS MPTPCYGAST FLHGSKIYVL GGRQGKLPVT AFEAFDLEAR TWTRHPSLPS RRAFAGCAMA EGSVFLGGL QPQPHNFYS RPHFVNTVEM FDLEHGSWTK LPRSLRMRDK RADFVVGSLG GHIVAIGGLG NQPCPLGSVE SFSLARRRWE ALPAMPTARC SCSSLQAGPR LFIIGGVAQG PSQAVEALCL RDGV <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>
Characteristics:	Key Benefits:

## Product Details

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- 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:	KLHDC8B
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Alternative Name:	KLHDC8B ( <a href="#">KLHDC8B Products</a> )
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Background:	<p>Kelch domain-containing protein 8B,FUNCTION: Involved in pinching off the separated nuclei at the cleavage furrow and in cytokinesis (PubMed:20107318). Required for mitotic integrity and maintenance of chromosomal stability. Protects cells against mitotic errors, centrosomal amplification, micronucleus formation and aneuploidy. Plays a key role of midbody function involving abscission of the daughter cells during cytokinesis and appropriate chromosomal and nuclear segregation into the daughter cells (PubMed:22988245, PubMed:23713010). {ECO:0000269 PubMed:20107318, ECO:0000269 PubMed:22988245, ECO:0000269 PubMed:23713010}.</p>
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Molecular Weight:	37.7 kDa
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UniProt:	<a href="#">Q8IXV7</a>
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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
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## Application Details

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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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