

Datasheet for ABIN7548959

**Kelch-like protein 41 (KLHL41) (AA 1-606) protein (His tag)**[Go to Product page](#)

## Overview

Quantity: 1 mg

Target: Kelch-like protein 41 (KLHL41)

Protein Characteristics: AA 1-606

Origin: Human

Source: HEK-293 Cells

Protein Type: Recombinant

Purification tag / Conjugate: His tag

## Product Details

Purpose: Custom-made recombinant KLHL41 Protein expressed in mammalian cells.

Sequence: MDSQRELAEE LRLYQSTLLQ DGLKDLLDEK KFIDCTLKAG DKSLPCHRLI LSACSPYFRE  
YFLSEIDEAK KKEVLDNVD PAILDLIIKY LYSASIDLND GNVQDIFALA SRFQIPSVFT  
VCVSYLQKRL APGNCLAILR LGLLLDCPRL AISAREFVSD RFVQICKEED FMQLSPQELI  
SVISNDSLNV EKEEAVFEAV MKWVRTDKEN RVKNLSEVFD CIRFRLMTEK YFKDHVEKDD  
IIKSNPDLQK KIKVLKDAFA GKLPEPSKNA AKTGAGEVNG DVGDEDLLPG YLNDIPRHGM  
FVKDLILLVN DTAAVAYDPT ENECYLTALA EQIPRNHSSI VTQQNQIYVV GGLYVDEENK  
DQPLQSYFFQ LDSIASEWVG LPPLPSARCL FGLGEVDDKI YVAGKDLQT EASLDSVLCY  
DPVAAKWNEV KKLPIKVYGH NVISHKGMII CLGGKTDDKK CTNRVFIFNP KKGDWKDLAP  
MKIPRSMFGV AVHKGKIVIA GGVTEGGLSA SVEAFDLTTN KWDVMTEFPQ ERSSISLVSL  
AGSLYAIGGF AMIQLESKEF APTEVNDIWK YEDDKKEWAG MLKEIRYASG ASCLATRLNL FKLSKL

**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.**

## Product Details

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### **In case you have a special request, please contact us.**

**Specificity:** If you are looking for a specific domain and are interested in a partial protein or a different 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

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**Target:** Kelch-like protein 41 (KLHL41)

**Alternative Name:** KLHL41 ([KLHL41 Products](#))

**Background:** Kelch-like protein 41 (Kel-like protein 23) (Kelch repeat and BTB domain-containing protein 10) (Kelch-related protein 1) (Sarcosin),FUNCTION: Involved in skeletal muscle development and differentiation. Regulates proliferation and differentiation of myoblasts and plays a role in myofibril assembly by promoting lateral fusion of adjacent thin fibrils into mature, wide myofibrils. Required for pseudopod elongation in transformed cells.  
{ECO:0000250|UniProtKB:A2AUC9}.

**Molecular Weight:** 68.0 kDa

**UniProt:** [O60662](#)

## Application Details

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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.

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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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