

Datasheet for ABIN7561959

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:	Mouse
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:	<p>MDSQRELAEE LRLYQSTLLQ DGLKDLLEEK KFIDCTLKAG DKSFPCHRLI LSACSPYFRE YFLSEIEEEK KKEVALDNVD PAILDLIIKY LYSASIDLND GNVQDIFALS SRFQIPSVFT VCVSYLQKRL APGNCLAILR LGLLLDCPRL AISAREFVSD RFVQICKEED FMQLSPQELI SVISNDSLNV EKEEVFEAV MKWVRTDKEN RAKNLSEVFD CIRFRLMAEK YFKDHVEKDD IIKSNPEVQK KIKVLKDAFA GKLPEPSKNA EKAGAGEVNG DVGDEDLLPG YLNDIPRHGM FVKDLILLVN DTAAVAYDPM ENECYLTALA EQIPRNHSSL VTQQNQVYVYV GGLYVDEENK DQPLQSYFFQ LDNVTSEWVG LPPLPSARCL FGLGEVDDKI YVAGKDLQT EASLDSVLCY DPVAAKWSEV KNLPIKVYGH NVISHNGMIY CLGGKTDDKK CTNRVFIYNP KKGDWKDLAP MKTPRSMFGV AIHKGKIVIA GGVTEGGLSA SVEAFDLKTN KWEVMTEFPQ ERSSISLVSL AGALYAIGGF 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. In case you</p>

Product Details

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

Target: Kelch-like protein 41 (KLHL41)

Alternative Name: Khl41 ([KLHL41 Products](#))

Background: Kelch-like protein 41 (Kelch repeat and BTB domain-containing protein 10),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:0000269|PubMed:18178185, ECO:0000269|PubMed:21368295, ECO:0000269|PubMed:22562206}.

Molecular Weight: 68.2 kDa

UniProt: [A2AUC9](#)

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.

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
