

Recombinant Human KLHL2 protein, His-tagged

Cat. No. KLHL2-7453H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KLHL2 protein(273-593 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	273-593 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	DYLIEAMKYHLLPTEQRILMKSVRTRLRTPMNLPKLMVVVGGQAPKAIRSVCEYDFK EERWHQVAELPSRRRCRAGMVYMAGLVFAVGGFNGSLRVRTVDSYDPVKDQWTSV ANMRDRRSTLGA AVLNGLLYAVGGFDGSTGLSSVEAYNIKSNEWFHVAPMNTRRS SVGVGVVGGLLYAVGGYDVASRQCLSTVECYNATTNEWTYIAEMSTRRSAGAGVG LNNLLYAVGGHGDGPLVRKSVEVYDPTTNAWRQVADMNMCRRNAGVCAVNGLLYV VGGDDGSCNLASVEYYNPTTDKWTVVSSCMSTGRSYAGVTVIDKRL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [KLHL2 kelch-like 2, Mayven \(Drosophila\) \[Homo sapiens \]](#)

Official Symbol [KLHL2](#)

Synonyms KLHL2; kelch-like 2, Mayven (Drosophila); kelch (Drosophila) like 2 (Mayven); kelch-like protein 2; MAV; kelch; actin-binding protein Mayven; MAYVEN; ABP-KELCH;

Gene ID [11275](#)

mRNA Refseq [NM_001161521](#)

Protein Refseq [NP_001154993](#)

MIM [605774](#)

UniProt ID [O95198](#)

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