

Recombinant Human KLHL13 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. KLHL13-4265H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	KLHL13 MS Standard C13 and N15-labeled recombinant protein (NP_277030) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a BTB and kelch domain containing protein and belongs to the kelch repeat domain containing superfamily of proteins. The encoded protein functions as an adaptor protein that complexes with Cullin 3 and other proteins to form the Cullin 3-based E3 ubiquitin-protein ligase complex. This complex is necessary for proper chromosome segregation and completion of cytokinesis. Alternate splicing results in multiple transcript variants.
Molecular Mass	73.9 kDa
AA Sequence	MPLKWKTSPPAIWKFPVPVLKTSRSTPLSPAYISLVEEEDQHMKLSLGGSEMGLSSH LQSSKAGPTRIFTSNTHSSVVLQGFQDLRLLEGLLCDVTLMPGDTDDAFVHRVMMMA SASDYFKAMFTGGMKEQDLMCIKLHGVSKVGLRKIIDFIYTAKLSLNMNDNLQDTLEAA SFLQILPVLDFCKVFLISGVTLDNCVEVGRIANTYNLTEVDKYVNSFVLKNFPALLSTG EFLKLPFERLAFVLSSNSLKHCTELELFKATCRWLRLEEPRMDFAAKLMKNIRFPLMT PQELINYVQTVDFMRTDNTCVNLLLEASNYQMMPYMQPVMQSDRTAIRSDTTHLVT LGGVLRQQLVVSKELRMYDEKAHEWKS LAPMDAPRYQHGI AVIGNFLYVVGGSN

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YDTKGKTAVDTVFRFDPRYNKWMQVASLNEKRTFFHLSALKGYLYAVGGRNAAGE
 LPTVECYNPRTNEWTYVAKMSEPHYGHAGTVYGGVMYISGGITHDTFQKELMCFDP
 DTDKWIQKAPMTTVRGLHCMCTVGERLYVIGGNHFRGTSDYDDVLSCEYYSPILDQ
 WTPIAAMLRGQSDVGVAVFENKIYVVGGSWNNRCMVEIVQKYDPDKDEWHKVFD
 LPESLGGIRACTLTVFPPEETTPSPSRESPLSAPTRTRPLEQKLISEEDLAANDILDYK
 DDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name KLHL13 kelch like family member 13 [Homo sapiens (human)]

Official Symbol KLHL13

Synonyms KLHL13; kelch-like 13 (Drosophila); BKLHD2, BTB and kelch domain containing 2, KIAA1309, KIAA1309; kelch-like protein 13; FLJ10262; BTB and kelch domain containing 2; BKLHD2; MGC74791;

Gene ID 90293

mRNA Refseq NM_033495

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Protein Refseq NP_277030

MIM 300655

UniProt ID Q9P2N7

SDS-PAGE



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