Recombinant Human KLHL6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. KLHL6-3691H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	KLHL6 MS Standard C13 and N15-labeled recombinant protein (NP_569713) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the kelch-like (KLHL) family of proteins, which is involved in B-lymphocyte antigen receptor signaling and germinal-center B-cell maturation. The encoded protein contains an N-terminal broad-complex, tramtrack and bric a brac (BTB) domain that facilitates protein binding and dimerization, a BTB and C-terminal kelch (BACK) domain, and six C-terminal kelch repeat domains. Naturally occurring mutations in this gene are associated with chronic lymphocytic leukemia. Alternative splicing results in multiple transcript variants.
Molecular Mass	69.2 kDa
AA Sequence	MGDVVEKSLEGPLAPSTDEPSQKTGDLVEILNGEKVKFDDAGLSLILQNGLETLRME NALTDVILCVDIQEFSCHRVVLAAASNYFRAMFCNDLKEKYEKRIIIKGVDAETMHTLL DYTYTSKALITKQNVQRVLEAANLFQFLRMVDACASFLTEALNPENCVGILRLADTHS LDSLKKQVQSYIIQNFVQILNSEEFLDLPVDTLHHILKSDDLYVTEEAQVFETVMSWV RHKPSERLCLLPYVLENVRLPLLDPWYFVETVEADPLIRQCPEVFPLLQEARMYHLS GNEIISERTKPRMHEFQSEVFMIIGGCTKDERFVAEVTCLDPLRRSRLEVAKLPLTEH

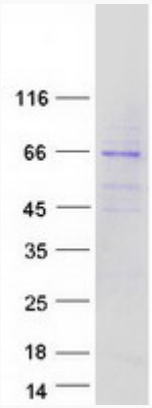
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	ELESENKKWVEFACVTLKNEVYISGGKETQHDVWKYNSSINKWIQIEYLNIGRWRHK MVVLGGKVYVIGGFDGLQRINNVETYDPFHNCWSEAAPLLVHVSSFAATSHKKKLY VIGGGPNGKLATDKTQCYDPSTNKWSLKAAMPVEAKCINAVSFRDRIYVVGGAMRA LYAYSPLEDSWCLVTQLSHERASCGIAPCNNRLYITGGRDEKNEVIATVLCWDPEAQ KLTEECVLPRGVSHHGSVTIRKSYTHIRRIVPGAVSVTRTRPLEQKLISEEDLAANDIL DYKDDDDKV
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	KLHL6 kelch like family member 6 [Homo sapiens (human)]
Official Symbol	KLHL6
Synonyms	KLHL6; kelch like family member 6; kelch-like protein 6
Gene ID	89857
mRNA Refseq	NM_130446
Protein Refseq	NP_569713

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MIM	614214
UniProt ID	Q8WZ60
SDS-PAGE	

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