

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	MGDVVEKSLEGPLAPSTDEPSQKTGDLVEILNGEKVKFDDAGLSLILQNGLETLMENALTDVILCVDIQEFSCHRVVLAAASNYFRAMFCNDLKEKEYEKRIIIGVDAETMHTLLDYTYTSKALITKQNVQRVLEAANLFQFLRMVDACASFLTEALNPENCVGILRLADTHSLDSLKKQVQSYIIQNQVQILNSEEFLDLPVDTLHHILKSDDLYVTEEAQVFETVMSWVRHKPSERLCLLPYVLENVRLPLLDWPWFVETVEADPLIRQCPEVFPLLQEARMYHLSGNEIISERTKPRMHEFQSEVFMIIGGCTKDERFVAEVTCLDPLRRSRLEVAKLPLTEH

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ELESENKKWVEFACVTLKNEVYISGGKETQHDVWKYNSSINKWIQIEYLNIGRWRHK
 MVLGGKVYVIGGFDGLQRINNVEYDPPFHCWSEAAPLLVHVSSFAATSHKKKLY
 VIGGGPNGKLATDKTQCYDPSTNKWSLKAAMPVEAKCINAVSFRDRIYVVGAMRA
 LYAYSPLEDSWCLVTQLSHERASCGIAPCNNRLYITGGRDEKNEVIATVLCWDPEAQ
 KLTEECVLPRGVSHHGSVTIRKSYTHIRRVPGAVSVTRTRPLEQKLISEEDLAANDIL
 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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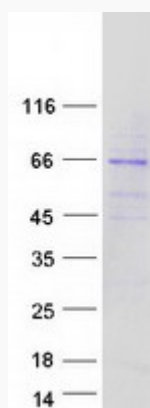
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MIM 614214

UniProt ID Q8WZ60

SDS-PAGE



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