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Product datasheet for PH307161

KLHL6 (NM_130446) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KLHL6 MS Standard C13 and N15-labeled recombinant protein (NP_569713)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207161
Predicted MW:	69.2 kDa
Protein Sequence:	>RC207161 protein sequence Red=Cloning site Green=Tags(s) MGDVVEKSLEGPLAPSTDEPSQKTGDLVEILNGEKVKFDDAGLSLILQNGLETLRMENALTDVILCVDIQ EFSCHRVVLAAASNYFRAMFCNDLKEKYEKRIIIKGVDAETMHTLLDYTYTSKALITKQNVQRVLEAANL FQFLRMVDACASFLTEALNPENCVGILRLADTHSLDSLKKQVQSYIIQNFVQILNSEEFLDLPVDTLHHI LKSDDLYVTEEAQVFETVMSWVRHKPSERLCLLPYVLENVRLPLLDPWYFVETVEADPLIRQCPEVFPLL QEARMYHLSGNEIISERTKPRMHEFQSEVFMIIGGCTKDERFVAEVTCLDPLRRSRLEVAKLPLTEHELE SENKKWVEFACVTLKNEVYISGGKETQHDVWKYNSSINKWIQIEYLNIGRWRHKMVVLGGKVYVIGGFDG LQRINNVETYDPFHNCWSEAAPLLVHVSSFAATSHKKKLYVIGGGPNGKLATDKTQCYDPSTNKWSLKAA MPVEAKCINAVSFRDRIYVVGGAMRALYAYSPLEDSWCLVTQLSHERASCGIAPCNNRLYITGGRDEKNE VIATVLCWDPEAQKLTEECVLPRGVSHHGSVTIRKSYTHIRRIVPGAVSV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_569713
RefSeq Size:	6320
RefSeq ORF:	1830

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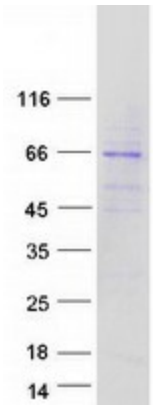
Locus ID: 89857

UniProt ID: Q8WZ60

Cytogenetics: 3q27.1

Summary: 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. [provided by RefSeq, Feb 2017]

Product images:



Coomassie blue staining of purified KLHL6 protein (Cat# [TP307161]). The protein was produced from HEK293T cells transfected with KLHL6 cDNA clone (Cat# [RC207161]) using MegaTran 2.0 (Cat# [TT210002]).

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