

Product datasheet for PH318393

KLHL3 (NM_017415) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KLHL3 MS Standard C13 and N15-labeled recombinant protein (NP_059111)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218393
Predicted MW:	64.8 kDa
Protein Sequence:	>RC218393 representing NM_017415 Red =Cloning site Green =Tags(s)

MEGESVKLSSQTLIQAGDDEKNQRTITVNPAMGKAFKVMNELRSKQLLCDVMIVAEDVEIEAHRVLAACSPYFCAMFTGDMSESKAKKIEIKDVDGQTL SKLIDYIYTAEIEVTEENVQVLLPAASLLQLMDVQRNCCDFLQSQLHPTNCLGIRAFADVHTCTDLLQQANAYAEQHFPEVMLGEEFLSLSLDQVCSLISSDKLTVSSEKVF EAVISWINEKETRLEHMAKLEHVRLPLLPRDYL VQTVEEEAL IKNNTCKDFL IEAMKYHLLPLDQRLLIKNPRTKPRTPVSLPKVMIVVGGQAPKAIRSVECYDFEEDRWDQIAELPSRRCRAGVVFMAHGVYAVGGFNGSLRVRTVDVYDGVKDQWTSIASMQERRSTLGA AVLNDLLYAVGGFDGSTGLASVEAYS YKTNEWFFVAPMNTRRSSVGVGVVEGKLYAVGGYDGASRQCLSTVEQYNPATNEWIYVADMSTRSGAGVGLSGQLYATGGHDGPLVRKSVEVYDPTNTWKQVADMNMCRRNAGVCAVNGLLYVVGDDGSCNLASVEYYNPVTDKWTLLPTNMSTGRSYAGVAVIHKSL

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_059111
RefSeq Size:	6485
RefSeq ORF:	1761


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Synonyms: PHA2D

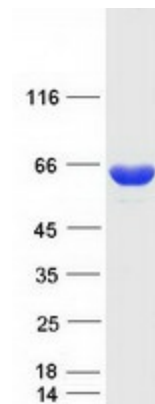
Locus ID: 26249

UniProt ID: [Q9UH77](#)

Cytogenetics: 5q31.2

Summary: This gene is ubiquitously expressed and encodes a full-length protein which has an N-terminal BTB domain followed by a BACK domain and six kelch-like repeats in the C-terminus. These kelch-like repeats promote substrate ubiquitination of bound proteins via interaction of the BTB domain with the CUL3 (cullin 3) component of a cullin-RING E3 ubiquitin ligase (CRL) complex. Mutations in this gene cause pseudohypoaldosteronism type IID (PHA2D); a rare Mendelian syndrome featuring hypertension, hyperkalaemia and metabolic acidosis. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Mar 2012]

Product images:



Coomassie blue staining of purified KLHL3 protein (Cat# [TP318393]). The protein was produced from HEK293T cells transfected with KLHL3 cDNA clone (Cat# [RC218393]) using MegaTran 2.0 (Cat# [TT210002]).