

Product datasheet for TP318393L

KLHL3 (NM_017415) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human kelch-like 3 (Drosophila) (KLHL3), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218393 representing NM_017415 Red=Cloning site Green=Tags(s)

MEGESVKLSSQTLIQAGDDEKNQRTITVNPAMGKAFKVMNELRSKQLLCDVMIVAEDVEIEAHRVLAACSPYFCAMFTGDMSESKAKKIEIKDVGQTLTKLIDYIYTAIEVTEENVQVLLPAASLLQLMDVRQNCCDFLQSQLHPTNCLGIRAFADVHTCTDLLQANAYAEQHFPEVMLGEEFLSLSDQVCSLISSDKLTVSSEKVF EAVISWINYKETRLEHMAKLMEHVRLPLLPRDYLVTVEEALIKNNNTCKDFLIEAMKYHLLPLDQRLLIKNPRTKPRTVPVSLPKVMIVVGGQAPKAIRSVECYDFEEDRWDQIAELPSRRCRAGVWFMAGHVYAVGGFNGSLRVRTVDVYDGVKDQWTSIASMQERRSTLGA AVLNDLLYAVGGFDGSTGLASVEAYS YKTNEWFFVAPMNTRRSSVGVGVVEGKLYAVGGYDGASRQCLSTVEQYNPATNEWIYVADMSTRRSGAGVGVLSG

QLYATGGHDGPLVRKSVEYDPTNTWKQVADMNMCRRNAGVCAVNGLLYVVGDDGSCNLA SVEYYNPV

TDKWTLLPTNMSTGRSYAGVAVIHKS L

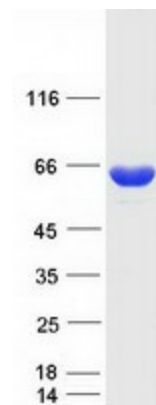
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	64.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.


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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_059111</u>
Locus ID:	26249
UniProt ID:	<u>Q9UH77</u>
RefSeq Size:	6485
Cytogenetics:	5q31.2
RefSeq ORF:	1761
Synonyms:	PHA2D
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]).