

Product datasheet for PH309484

KLHL13 (NM_033495) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KLHL13 MS Standard C13 and N15-labeled recombinant protein (NP_277030)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209484
Predicted MW:	73.9 kDa
Protein Sequence:	>RC209484 protein sequence Red=Cloning site Green=Tags(s)

MPLKWKTSPPAIWKFPVPLKTSRSTPLSPAYISLVEEEDQHMKLSLGGSEMGLSSHLQSSKAGPTRIFT
SNTHSSVVLQGFQDLRLEGLLCDVTLMPGDTDDAFPVHRVMMASASYFKAMFTGGMKEQDLMCIKLHGV
SKVGLRKIIDFIYAKLSLNMNDLQDTLEAASFLQILPVLDFCKVFLISGVTLDNCVEVGRIANTYNLTE
VDKYVNSFVLKNFPALLSTGEFLKLPFERLAFVLSNSLKHCTELELFKATCRWLRLEEPRMDFAAKLMK
NIRFPLMTPQELINYVQTVDFMRTDNTCVNLLLEASNYQMPYMQPVMQSDRTAIRSDTTHLVTLGGVLR
QQLVVSKELRMYDEKAHEWKS LAPMDAPRYQHGI AVIGNFLYVVGGSNYDTKGGTAVDTVFRFDPRYNK
WMQVASLNEKRTFFHLSALKGYLYAVGGRNAAGELPTEVCYNPRTNEWTVYAKMSEPHYGHAGTVYGGVM
YISGGITHDTFQKELMCFDPDTDKWIQKAPMTTVRGLHCMCTVGERLYVIGGNHFRGTSYDDVLSCEYY
SPILDQWTPIAAMLRGQSDVGVAVFENKIYVVGYSWNNRCMVEIVQKYDPDKDEWHKVFDPESLGGIR
ACTLTVFPPEETTPSPRESPLSAP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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_277030
RefSeq Size:	3991



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RefSeq ORF: 1965

Synonyms: BKLHD2

Locus ID: 90293

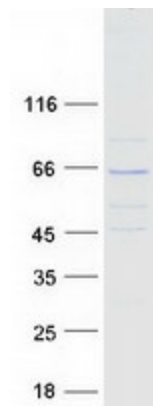
UniProt ID: [Q9P2N7](#), [Q96HC9](#)

Cytogenetics: Xq24

Summary: This gene encodes a BTB and kelch domain containing protein and belongs to the kelch repeat domain containing superfamily of proteins. The encoded protein functions as an adaptor protein that complexes with Cullin 3 and other proteins to form the Cullin 3-based E3 ubiquitin-protein ligase complex. This complex is necessary for proper chromosome segregation and completion of cytokinesis. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]

Protein Pathways: Ubiquitin mediated proteolysis

Product images:



Coomassie blue staining of purified KLHL13 protein (Cat# [TP309484]). The protein was produced from HEK293T cells transfected with KLHL13 cDNA clone (Cat# [RC209484]) using MegaTran 2.0 (Cat# [TT210002]).