

Product datasheet for **TP311065M**

KLHDC5 (KLHL42) (NM_020782) Human Recombinant Protein

Product data:

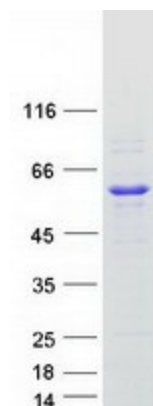
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human kelch domain containing 5 (KLHDC5), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211065 protein sequence Red =Cloning site Green =Tags(s)
	MSAEEMVQIRLEDRCYPVSKRKLEIQSDYFRALYRSGMREALSQEAGGPEVQQLRGLSAPGLRLVLDFIN AGGAREGWLLGPRGEKGGGVDEDEEMDEVSLSELVEAASFLQVTSLLQLLSQVRLNNCLEMYRLAQVY GLPDLQEACLRFMVVFHEVLCKPQFHLLGSPQAPGDVSLKQRLREARMTGTPVLVALGDFLGGPLAP H PYQGEPPSMLRYEEMTERWFFPLANNLPPDLVNVRGYGSAILDNYLFIVGGYRITSQEISAAHSYNPSTNE WLQVASMNQKRSNFKLVAVNSKLYAIGGQAVSNVECYNPEQDAWNFVAPLPNPLAEFSACECKGKIYVI G GYTTRDRNMNILQYCPSSDMWTLFETCDVHIRKQQMVSVEETIYVGGCLHELGPNNRRSSQSEDMLTVQS YNTVTRQWLYLKENTSKSGLNLTALHNDGIYIMSRDVTLSLEHRVFLKYNIFSDSWEAFRRFPAFGH NLLVSSLYLPNKAET
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	56.7 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_065833</u>
Locus ID:	57542
UniProt ID:	<u>Q9P2K6</u>
RefSeq Size:	6477
Cytogenetics:	12p11.22
RefSeq ORF:	1515
Synonyms:	Ctb9; KLHDC5
Summary:	Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex required for mitotic progression and cytokinesis. The BCR(KLHL42) E3 ubiquitin ligase complex mediates the ubiquitination and subsequent degradation of KATNA1. Involved in microtubule dynamics throughout mitosis.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified KLHL42 protein (Cat# [TP311065]). The protein was produced from HEK293T cells transfected with KLHL42 cDNA clone (Cat# [RC211065]) using MegaTran 2.0 (Cat# [TT210002]).