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Product datasheet for TP524861

Klhl42 (NM_001081237) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse kelch-like 42 (Klhl42), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224861 protein sequence Red=Cloning site Green=Tags(s) MSAEEMVQIRLEDRCYPVSKSKLIEQSDYFRALYRSGMREAVRPEVGPEVQQLRGLSAPGLRLVLDFINA GGAREGWGLSEDELAEASVLSEMVEAASFLQVTALLRLLLSHVRLGNCLELYRLAQVYGLPDLQDACLRF MVLRFHQVLCQPQFPLLLSPPQAPGDCSLKQRLREARMRGTPVLVALGDFLGGPLAPHPYQGEPPSMLR Y EETTERWFPLANNLPPDLVNVRGYGSAILDNYLFIVGGYRITSQEISAAHSYNPITNEWLQVASMNQKRS NFKLVAVNSKLYAIGGQAVSNVECYNPEQDAWNFVAPLPNPLAEFSACECKGKIYVIGGYTTRDRNMNIL QYCPSADLWTLFETCDVHIRKQQMVSVEETIYIVGGCLHELGPNRRSSQSEDMLTVQSYNTVTRQWLYLK ENTSKSGLNLTCALHNDGIYIMSRDVTLSTSLEHRVFLKYNIFADSWEAFRRFPAFGHNLLISSLYLPNK AET SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	55.6 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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RefSeq:	NP_001074706
Locus ID:	232539
UniProt ID:	Q8BFQ9
RefSeq Size:	6571
Cytogenetics:	6 G3
RefSeq ORF:	1479
Synonyms:	A330079N23Rik; AI450355; C230080I20Rik; Ctb9; Klhdc5; mKIAA1340
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 (By similarity).[UniProtKB/Swiss-Prot Function]