

Product datasheet for **TP516861**

Klhl40 (NM_028202) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse kelch-like 40 (Klhl40), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR216861 representing NM_028202 Red =Cloning site Green =Tags(s)
	MTLGLEQAEEQRLYQQTLLQDGLKDMLDHGKFLDCVVRGGERFFPCHRLVLAACSPYFRARFLAEPDSAG EVRLEEVSQVVSQVLHYLYTSEIALDEASVQDLFAAAHRFQIPSIFTICVSFLQKRLCLANCLAVFRLG LLLDCARLAVAARDFICARFPLVARDNDFLGLSADELIAISSDGLNVEKEEAVFEAVMRWASSGDAAEQ AERQALPTVFESVRCRLLPRAFLETRVERHPLVRSQPELLRKVQMVKDAHEGRLTTLRKKKKEKGEQTA RAKEANQGTEDTKAEDDEERVLPILNDTLRFGMFLQDLIFMISEEGAVAYDPAANECYCASLSTQIPKN HVSLVTKENQVFVAGGLFYNEEDNKEDPMSAYFLQFDHLDSEWLGMPLPSRCLFGLGEALNAIYVVG R ELKDESDSLDSVLCYDRLSFKWGESDPLPYAVYGHTVLSHMDLVYVIGGKGKDRKCLNKMVCYDPKKFEW KELAPMQTARSLFGATVHDGRIFVAAGVTDGLTSSSEVYSIADNKWTSFEAFPQERSLSLVSLAGTLY ALGGFATLETESGELVPTELNDIWRYNEDEKKWEGVLREIAYAAGATFLPVRLNVLRLTKM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	70.1 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:	<u>NP_082478</u>
Locus ID:	72330
UniProt ID:	<u>Q9D783</u>
RefSeq Size:	2455
Cytogenetics:	9 F4
RefSeq ORF:	1863
Synonyms:	2310024D23Rik; Kbtbd5
Summary:	Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin ligase complex that acts as a key regulator of skeletal muscle development (PubMed:25940086). The BCR(KLHL40) complex acts by mediating ubiquitination and degradation of TFDP1, thereby regulating the activity of the E2F:DP transcription factor complex (PubMed:25940086). Promotes stabilization of LMOD3 by acting as a negative regulator of LMOD3 ubiquitination; the molecular process by which it negatively regulates ubiquitination of LMOD3 is however unclear (PubMed:24960163).[UniProtKB/Swiss-Prot Function]