

Product datasheet for TP510358

Mkln1 (NM_013791) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse muskelin 1, intracellular mediator containing kelch motifs (Mkln1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210358 representing NM_013791 Red=Cloning site Green=Tags(s) MAAGGAVAVAPECRLLPYALHKWSSFSTYLPENILVDKPNDQSSRWSESNYPPQYLILKLERPAIVQN ITFGKYEKTHVCNLKKFKVFGGMNEENMTELLSSGLKNDYNKETFTLKHKIDEQMFPCRFIKIVPLLSWG PSFNFSIWYVELSGIDDPDIVQPCLNWYSKYREQEAIRLCLKHFRQHNYTEAFESLQKKTIALEHPMLT DMHDKLVKLGDFDACEELIEKAVNDGLFNQYISQQEYKPRWSQIIPKSTKGDGEDNRPGMRGGHQMVID V QTETVYLFGGWDGTQDLADFWAYSVKENQWTCISRDETEKENGPSARSCHKMCIDIQRRQIYTLGRYLDSS VRNSKSLKSDFYRYDIDTNTWMLLEDTAADGGPKLVFDHQMCMDESKHMIYTFGGRILTCNGSVDDSR A SEPQFSGLFANQCQCTWKLLREDSNAGPEDIQSRIGHCMLFHSKNRCLYVFGGQRSKTYLNDFFSYDV DSDHVDIISDGTKKDSGMVPMGTGFTQRATIDPELNEIHVLSGLSKDKEKREENVRNSFWIYDIVRNSWSC VYKNDQATKDNLSKSLQEEPCPRFAHQLVYDELHKVHYLFGGNPGKSCSPKMRLDDFWSLKLCRPSKD Y LLRHCKYLIRKHRFEEKAQMDPLSALKYLQNDLYITVDHSDPEETKEFQLLASALFKSGSDFTALGFSDV DHTYAQRTQLFDTLVNFFPDSMTPPKGNLVDLITL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	84.9 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


[View online »](#)

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.
RefSeq:	<u>NP_038819</u>
Locus ID:	27418
UniProt ID:	<u>Q89050</u>
RefSeq Size:	3973
Cytogenetics:	6 A3.3
RefSeq ORF:	2205
Synonyms:	A130067F06Rik; AU015903; BB154892
Summary:	Component of the CTLH E3 ubiquitin-protein ligase complex that selectively accepts ubiquitin from UBE2H and mediates ubiquitination and subsequent proteasomal degradation of the transcription factor HBP1 (By similarity). Required for internalization of the GABA receptor GABRA1 from the cell membrane via endosomes and subsequent GABRA1 degradation (PubMed:21482357). Acts as a mediator of cell spreading and cytoskeletal responses to the extracellular matrix component THBS1 (PubMed:9724633, PubMed:18710924). [UniProtKB/Swiss-Prot Function]