

Product datasheet for **TP309817**

MKLN1 (NM_013255) Human Recombinant Protein

Product data:

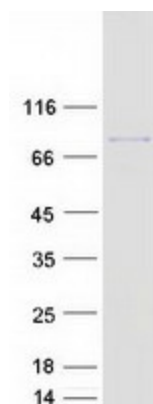
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human muskelin 1, intracellular mediator containing kelch motifs (MKLN1), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209817 protein sequence Red =Cloning site Green =Tags(s)
	MAAGGAVAAAPPCRLLPYALHKWSSFSSTYLPENILVDKPNDQSSRWSESNYPPQYLILKLERPAIVQN ITFGKYEKTHVCNLKKFKVFGGMNEENMTELLSSGLKNDYNKETFTLKHKIDEQMFCRFKIVPLLSWG PSFNFSIWYVELSGIDDPDIVQPCLNWYSKYREQEAIKLCRQHNHYTEAFESLQKKTIALEHPMLT DIHDKLVKLGDFDACEELIEKAVNDGLFNQYISQQEYKPRWSQIIPKSTKGDGEDNRPGMRGHQMVIDV QTETVYLFGGWDGTQDLADFWAYSVKENQWTCISRDEKENGPSARSCHKMCIDIQRRQIYTLGRYLDSS VRNSKSLKSDFYRIDTNTWMLLEDTAADGGPKLVFDHQMCMDESKHMIYTFGGRIKTCNGSVDDSR SEPQFSGLFAFNCQCQTWKLREDSCNAGPEDIQSRIGHCMFLHFSKNRCLYVFGGQRSKTYLNDFFSYDV DSDHVDIISDGTGKDSGMVPMTGFTQRATIDPELNEIHVLSGLSKDKEKREENVRNSFWIYDIVRNSWSC VYKNDQAAKDNPTKSLQEEPCPRFAHQLVYDELHKVHYLFGGNPGKSCSPKMRLLDDFWSLKLCRPSKDY LLRHCKYLIRKHRFEEKAQVDPLSALKYLQNDLYITVDHSDPEETKEFQLLASALFKSGSDFTALGFSDV DHTYAQRTQLFDTLVNFFPDSMTTPKGNLVDLITL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	84.6 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
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.



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Storage:	Store at -80°C.
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:	NP_037387
Locus ID:	4289
UniProt ID:	Q9UL63
RefSeq Size:	11194
Cytogenetics:	7q32.3
RefSeq ORF:	2205
Synonyms:	TWA2
Summary:	Muskelin is an intracellular protein that acts as a mediator of cell spreading and cytoskeletal responses to the extracellular matrix component thrombospondin I (MIM 188060) (Adams et al., 1998 [PubMed 9724633]).[supplied by OMIM, Mar 2008]

Product images:



Coomassie blue staining of purified MKLN1 protein (Cat# TP309817). The protein was produced from HEK293T cells transfected with MKLN1 cDNA clone (Cat# [RC209817]) using MegaTran 2.0 (Cat# [TT210002]).