

Product datasheet for **TP306848**

MKRN1 (NM_013446) Human Recombinant Protein

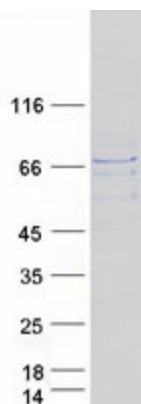
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human makorin ring finger protein 1 (MKRN1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206848 representing NM_013446 Red =Cloning site Green =Tags(s) MAEAATPGTTATTSGAGAAAATAAAASPTPIPTVTAPSLGAGGGGGGSDGSGGGWTKQVTCRYFMHGVC K EGDNCRYSHDLSDSPYSWCKYFQRGYCIYGDRCRYEHSKPLKQEEATATELTTKSSLAASSLSIVGP LVEMNTGEAESRNSNFATVGAGEDWVNAIEFVPGQPYCGRTAPSCTEAPLQGSVTKEESEKEQTAVETK KQLCPYAAVGECRYGENCVYLHGDSCDMCGLQLLHPMDAAQRSQHIKSCIEAHEKDMELSFVQRSKD MV CGICMEVVEKANPSERRFGILSNCNHTYCLKCIRKWRSKQFESKIIKSCPECRITSNFVIPSEYWVEE KEEKQLILKYKEAMSNKACRYFDEGRGSCPFGGNCFYKHAYPDGRREEPQRQKVGTSRYRAQRNHF W ELIEERENSNPFDNDEEEVTFELGEMLLMLLAAGGDDELTDSEDEWDLFHDELEDYDLDL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	53.2 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:	NP_038474
Locus ID:	23608
UniProt ID:	Q9UHC7
RefSeq Size:	3116
Cytogenetics:	7q34
RefSeq ORF:	1446
Synonyms:	RNF61
Summary:	This gene encodes a protein that belongs to a novel class of zinc finger proteins. The encoded protein functions as a transcriptional co-regulator, and as an E3 ubiquitin ligase that promotes the ubiquitination and proteasomal degradation of target proteins. The protein encoded by this gene is thought to regulate RNA polymerase II-catalyzed transcription. Substrates for this protein's E3 ubiquitin ligase activity include the capsid protein of the West Nile virus and the catalytic subunit of the telomerase ribonucleoprotein. This protein controls cell cycle arrest and apoptosis by regulating p21, a cell cycle regulator, and the tumor suppressor protein p53. Pseudogenes of this gene are present on chromosomes 1, 3, 9, 12 and 20, and on the X chromosome. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2014]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified MKRN1 protein (Cat# TP306848). The protein was produced from HEK293T cells transfected with MKRN1 cDNA clone (Cat# [RC206848]) using MegaTran 2.0 (Cat# [TT210002]).