Recombinant Human MKRN1 Protein, Flag-tagged

Cat. No. MKRN1-022H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MKRN1 Protein (transcript variant 1) is produced by HEK293T expression system. This protein is fused with a Flag tag.
Species	Human
Source	HEK293
Description	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.
Form	PBS buffer
Molecular Mass	53 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

GENE INFORMATION

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Gene Name	MKRN1 makorin ring finger protein 1 [Homo sapiens]
Official Symbol	MKRN1
Synonyms	MKRN1; makorin ring finger protein 1; FLJ21334;
Gene ID	23608
mRNA Refseq	NM_001145125
Protein Refseq	NP_001138597
MIM	607754
UniProt ID	Q9UHC7
	Purified recombinant protein MKRN1 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.

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