

Product datasheet for **RC227266**

RNF156 (MGRN1) (NM_001142289) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF156 (MGRN1) (NM_001142289) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	RNF156
Synonyms:	RNF156
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC227266 representing NM_001142289
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCTCCATTCTCAGCCGCCGATCGCGGGGTGGAGGACATCGACATCCAGGCGAACTCGGCCATC
 GCTACCTCCGAAGTCCGAAACTACTTTGCTTCGCACATTTTCATGGGAGGAGAGAAATTCGACACCCC
 CCACCCTGAAGGTTACCTCTTTGGAGAGAACATGGATCTGAACCTCCTGGGCAGCCGCCCGTCCAGTTT
 CCCTACGTCACCTGCCCCCACGAGCCCGTGAAGACGCTGCGGAGCCTGGTGAACATCCGCAAAGACT
 CCCTGCGGCTGGTGAAGTACAAAGACGATGCCGACAGCCACCAGGACGGCGACAAGCCCGGTGCT
 CTACAGCCTGGAGTTCACCTTCGACGCCGATGCCCGCTGGCCATCACCATCTACTGCCAGGCATCGGAG
 GAGTTCCTGAACGGCAGGCGAGTACAGCCCCAAGAGCCCTCGCTACAGTCCGAGACCGTCCACTACA
 AGAGAGGGGTGAGCCAGCAGTTTCCCTGCCCTCCTTCAAGATTGACTTCTCGGAATGGAAGGATGACGA
 GCTGAACCTTGGACCGGGCGGTGTTCCAGTAGTCATCCAGGCTGTGGTGGACGAAGGAGATGTG
 GTGGAAGTGACTGGCCACGCCACGTGCTTGGCTGCCTTTGAAAAGCAGATGGACGGCAGCTTCTCTG
 TGAAGCCTTTAAAGCAGAAGCAAATTTGGACCGGTCAGCTACCTCCTGCAGGAGATCTATGGCATTGA
 GAACAAGAACAACCAGGAGACCAAGCCCTCGGACGACGAGAACAGCGACAACAGCAACGAGTGTGTGGT
 TGCTGTCCGACCTGCGGGACACGCTGATCCTGCCCTGCCGCCACCTGTGCCTCTGTACCTCCTGCGCC
 ACACGCTGCGCTACCAGGCCAACAACTGCCCATCTGCCGGTGCCTTCCGGGCCCTCCTGCAGATCCG
 GGCGGTGCGGAAGAAGCCAGGAGCCCTGTCCCCGTGTCTTTCAGCCCCCTCCTGGCCAGAGCCTGGAG
 CATGATGAGCACTCTAACTCTGACAGCGTCCCACCTGGCTACGAGCCCATCTCGTGTCTGAGGCGCTCA
 ACGGCTCCGGGCTGTCTCCCGGCCATCCCCTCGGCCCTTTATGAAGAAATCACATTTAGGCTT
 CTCGGACGGCCTGTCCAGGCCAGCTGTCCCTCGCGGCTATCGACCACATCCTGGACAGCAGCCGCCAG
 AAGGGCAGGCCGAGAGCAAGGCCCCGACAGCACCTACGGTCCCGTCTTCCCCATCCACGAAGAGG
 ATGAGGAGAAGCTCTCCGAGGACGTGGACGCCCTCCCCACTGGGTGGCGCAGAGCTGGCCCTGCGGGA
 AAGCAGTCCCCTGAGAGTTTCAACAGAAGAGGTTGATGAGTCGTCGTACCACAGCAAGGGACCCGA
 GCAGCTTCCATTGAGAATGCTCTGACGAGCAGCAGCCCGAGCACTGTGGCCGAGGCCACCTGCTGACA
 TCTACCTGCCAGGACGGCCACCTCCATGGAGACGGCCACGGCCTCGCCACCACCGCCACCTGGCC
 TCCACTTGGTGGCCAGCCCGATCCAGCGCCCGGAGCTGACCCACTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC227266 representing NM_001142289
 Red=Cloning site Green=Tags(s)

MGSILSRRIAGVEDIDIQANSAYRYPKSGNYFASHFFMGGEKFDTPHPEGYLFGENMDLNLGSRPVQF
 PYVTPAPHEPVKTLRSLVNIRKDSLRLVRYKDDADSPTEGDGKPRVLYSLEFTFDADARVAITTYCQASE
 EFLNGRAVYSPKSPSLQSEVHYKRGVSQQFSLPSFKIDFSEWKDELNFDLDRGVFPVVIQAVVDEGDV
 VEVTGHAHVLLAAFEKHMDSFSVKPLKQKQIVDRVSYLLQEIYGIENKNNQETKPSDDENSNSNECVV
 CLSDLRDTLILPCRHLCLCTSCADTLRYQANNCPICRLPFRALLQIRAVRKKPGALSPVSFSPVLAQSLE
 HDEHSNDSVPPGYEPIISLLEALNGLRAVSPAIPSAPLYEEITYSGISDGLSQASCPLAIDHILDSSRQ
 KGRPQSKAPDSTLRSPSSIHEEDEEKLSEDVDAPPPLGGAELALRESSSPESFITEEVDESSSPQQGTR
 AASIENVLQDSSPEHCGRGPPADIYLPGRPTSMETAHGLATTSPWPPLGGPSPDPSAAELTPL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8067_a11.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001142289

ORF Size: 1337 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001142289.2](#), [NP_001135761.2](#)

RefSeq ORF: 1665 bp

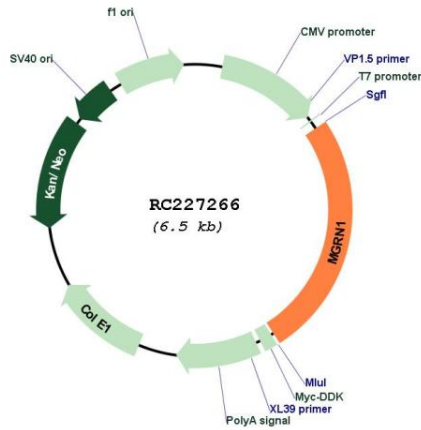
Locus ID: 23295

UniProt ID: [O60291](#)

Cytogenetics: 16p13.3

Protein Pathways: Ubiquitin mediated proteolysis
MW: 60.6 kDa
Gene Summary: Mahogunin (MGRN1) is a C3HC4 RING-containing protein with E3 ubiquitin ligase activity in vitro.[supplied by OMIM, Apr 2004]

Product images:



Circular map for RC227266