

Product datasheet for **SC326063**

RNF156 (MGRN1) (NM_001142290) Human Untagged Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | RNF156 (MGRN1) (NM_001142290) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | RNF156 |
| Synonyms: | RNF156 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >SC326063 representing NM_001142290.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGGCTCCATTCTCAGCCGCCGCATCGCGGGGTGGAGGACATCGACATCCAGGCGAACTCGGCCAT
CGCTACCCTCCGAAGTCCGGAACTACTTTGCTTCGCACTTTTTCATGGGAGGAGAGAAATTCGACACC
CCCCACCCTGAAGTTACCTCTTTGGAGAGAACATGGATCTGAACCTCCTGGGCAGCCGCCGGTCCAG
TTTCCCTACGTCACTCCTGCCCCACGAGCCCGTGAAGACGCTGCGGAGCCTGGTGAACATCCGCAAA
GACTCCCTGCGGCTGGTGGGTACAAAGACGATGCCGACAGCCCAACGAGGACGGCGACAAGCCCCGG
GTGCTCTACAGCCTGGAGTTCACCTTCGACGCCGATGCCCGCTGGCCATCACCATCTACTGCCAGGCA
TCGGAGGAGTTCTGAACGGCAGGGCAGTACAGCCCAAGAGCCCTCGCTACAGTCCGAGACCGTCC
CACTACAAGAGAGGGGTAGCCAGCAGTCTCCCTGCCCTCCTCAAGATTGACTTCTCGGAATGGAAG
GATGACGAGCTGAACTTTGACCTGGACCGGGCGTGTTCAGTAGTCATCCAGGCTGTGGTGGACGAA
GGAGATGTGGTGAAGTACTGGCCAGCCACGTGCTTTGGCTGCCTTTGAAAAGCACATGGACGGC
AGCTTCTCTGTGAAGCCTTTAAAGCAGAAGCAAATTTGGACCGGGTCACTACCTCCTGCAGGAGATC
TATGGCATTGAGAACAAGAACAACAGGAGACCAAGCCCTCGGACGACGAGAACAGCGACAACAGCAAC
GAGTGTGTGGTGTGCCTGTCCGACTGCCGGACACGCTGATCCTGCCCTGCCGCCACCTGTGCCTGT
ACCTCCTGCGCCGACACGCTGCGCTACCAGGCCAACTGCCCATCTGCCGGTGCCTTTCCGGGCC
CTCCTGCAGATCCGGGGGTGCCGAAGAAGCCAGGAGCCCTGTCCCCGTGTCTTCAGCCCCGTCTG
GCCAGAGCCTGGAGCATGATGAGCACTTTGTCCCTTAAAAAATCAAAGCCGACCCCGCCTCCCTG
GCCAGCAAGAACTAAAAGGGAACAACCTCTGACAGCGTCCCACCTGGCTACGAGCCCATCTCGCTG
CTCGAGCGCTCAACGGCTCCGGGTGTCTCCCCGCCATCCCCCGCCCTTTTATGAAGAAATC
ACCTATTCAGGCATCTCGGACGGCTGTCCAGGCCAGCTGTCCCTCGCGGTATCGACCACATCCTG
GACAGCAGCCGCAAGGGCAGGCCGAGAGCAAGGCCCCGACAGCACCTACGGTCCCCGTCTTCC
CCCATCCACGAAGAGGATGAGGAGAAGCTCCTCGAGGACGTGGACGCCCTCCCCACTGGGTGGCGCA
GAGCTGGCCCTGCGGAAAGCAGCTCCCCTGAGAGTTTATAACAGAAGAGGTTGATGAGTCGTCTCA
CCACAGCAAGGGACCCGAGCAGCTTCCATTGAGAATGTCTGCAGGACAGCAGCCCGAGCACTGTGGC
CGAGGCCACCTGCTGACATCTACCTGCCAGCCCTGGGGCCGACTCCTGCTGTGGTATAGACGAG
TAA
ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
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- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001142290
- Insert Size:** 1659 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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_001142290.2](#)

RefSeq Size: 6471 bp

RefSeq ORF: 1659 bp

Locus ID: 23295

UniProt ID: [O60291](#)

Cytogenetics: 16p13.3

Protein Pathways: Ubiquitin mediated proteolysis

MW: 60.8 kDa

Gene Summary: Mahogunin (MGRN1) is a C3HC4 RING-containing protein with E3 ubiquitin ligase activity in vitro.[supplied by OMIM, Apr 2004]
Transcript Variant: This variant (3) uses an alternate splice junction at the 5' end of the last exon compared to variant 1. The resulting isoform (3) has a shorter and distinct C-terminus compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.