

Product datasheet for **SC326035**

RNF156 (MGRN1) (NM_001142291) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF156 (MGRN1) (NM_001142291) Human Untagged Clone
Tag:	Tag Free
Symbol:	MGRN1
Synonyms:	RNF156
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

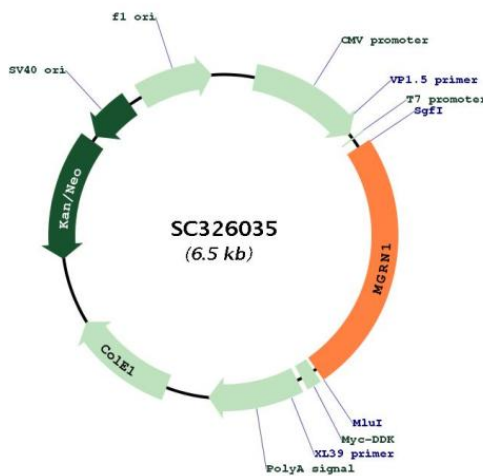
Fully Sequenced ORF:

>SC326035 representing NM_001142291.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGCTCCATTCTCAGCCGCCGCATCGCGGGGTGGAGGACATCGACATCCAGGCGAACTCGGCCAT
CGCTACCCTCGAAGTCGGAACTACTTTGCTTCGCACTTTTTCATGGGAGGAGAGAAATTCGACACC
CCCCACCCTGAAGGTTACCTCTTTGGAGAGAACATGGATCTGAACCTTCTGGGCAGCCGCCGGTCCAG
TTTCCCTACGTCACTCCTGCCCCACGAGCCCGTGAAGACGCTGCGGAGCCTGGTGAACATCCGCAAA
GACTCCCTGCGGCTGGTGAAGTACAAAGACGATGCCGACAGCCCAACGAGGACGGCGACAAGCCCCGG
GTGCTCTACAGCCTGGAGTTCACCTTCGACGCCGATGCCCGGTGGCCATCACCATCTACTGCCAGGCA
TCGGAGGAGTTCCTGAACGGCAGGGCAGTATACAGCCCCAAGAGCCCTCGCTACAGTCCGAGACCGTC
CACTACAAGAGAGGGGTAGCCAGCAGTCTCCCTGCCCTCCTCAAGATTGACTTCTCGGAATGGAAG
GATGACGAGCTGAACTTTGACCTGGACCGGGCGTGTTCAGTAGTCATCCAGGCTGTGGTGGACGAA
GGAGATGTGGTGAAGTACTGGCCAGCCACGTGCTCTGGCTGCCTTTGAAAAGCACATGGACGGC
AGCTTCTCTGTGAAGCCTTTAAAGCAGAAGCAAATTTGGACCGGTGAGCTACCTCCTGCAGGAGATC
TATGGCATTGAGAACAAGAACAACCAGGAGACCAAGCCCTCGGACGACGAGAACAGCGACAACAGCAAC
GAGTGTGTGGTGTGCCTGTCCGACTGCCGGACACGCTGATCCTGCCCTGCCGCCACCTGTGCCTGT
ACCTCCTGCGCCGACACGCTGCGCTACCAGGCCAACTGCCCATCTGCCGGTGCCTTTCCGGGCC
CTCCTGCAGATCCGGGCGGTGCGGAAGAAGCCAGGAGCCCTGTCCCCGTGTCTTCAGCCCCGTCTG
GCCAGAGCCTGGAGCATGATGAGCACTCTAATCTGACAGCGTCCCACCTGGCTACGAGCCCATCTCG
CTGCTCGAGGCGCTCAACGGCCTCCGGGCTGTCTCCCCGGCCATCCCCTCGGCCCTCTTATGAAGAA
ATCACCTATTCAGGCATCTCGGACGGCCTGTCCCAGGCCAGCTGTCCCCTCGCGGCTCTTATGAAGAA
CTGGACAGCAGCCGCCAGAAGGGCAGGCCGAGAGCAAGGCCCCGACAGCACCTACGGTCCCCGTCT
TCCCCATCCACGAAGAGGATGAGGAGAAGCTCTCCGAGGACGTGGACGCCCTCCCCACTGGGTGGC
GCAGAGCTGGCCCTGCGGAAAGCAGCTCCCCTGAGAGTTTCATAACAGAAGAGGTTGATGAGTCGTCG
TCACCACAGCAAGGGACCCGAGCAGCTTCCATTGAGAATGTCCTGCAGGACAGCAGCCCCGAGCACTGT
GGCCGAGGCCACCTGCTGACATCTACCTGCCAGCCCTGGGGCCGACTCCTGCTCTGTTGGTATAGAC
GAGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
```

Restriction Sites:

SgfI-MluI

Plasmid Map:


ACCN:	NM_001142291
Insert Size:	1593 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:	<ol style="list-style-type: none">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:	<u>NM_001142291.2</u>
RefSeq Size:	6405 bp
RefSeq ORF:	1593 bp
Locus ID:	23295
UniProt ID:	<u>O60291</u>
Cytogenetics:	16p13.3
Protein Pathways:	Ubiquitin mediated proteolysis
MW:	58.3 kDa
Gene Summary:	<p>Mahogunin (MGRN1) is a C3HC4 RING-containing protein with E3 ubiquitin ligase activity in vitro.[supplied by OMIM, Apr 2004]</p> <p>Transcript Variant: This variant (4) lacks an alternate in-frame exon and uses an alternate splice junction at the 5' end of the last exon compared to variant 1. The resulting isoform (4) is shorter and has a 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.</p>