

Product datasheet for **SC204489**

ARMET (MANF) (NM_006010) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ARMET (MANF) (NM_006010) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MANF
Synonyms:	ARMET; ARP
ACCN:	NM_006010
Insert Size:	338 bp
Insert Sequence:	>SC204489 3'UTR clone of NM_006010

The sequence shown below is from the reference sequence of NM_006010. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGGCAGCCAGTGCACGGACCGATTGTAGTCTGCTCAATCTCTGTGCACCTGAGGGGAAAAACAG
TTCAACTGCTTACTCCAAAACAGCCTTTTGTAAATTTATTTTTAAGTGGGCTCCTGACAATACTGTA
TCAGATGTGAAGCCTGGAGCTTTCTGATGATGCTGGCCCTACAGTACCCCATGAGGGATTCCCTTC
CTTCTGTTGCTGGTGTACTCTAGGACTTCAAAGTGTGTCTGGGATTTTTTTATTAAGAAAAAAATTT
CTAGCTGTCTTGCAGAATTATAGTGAATACAAAATGGGGTTTTGCCCCAGGAGGCTCCTA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_006010.6</u>



[View online »](#)

Summary:

The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and results in cell proliferation. Activity of this protein is important in promoting the survival of dopaminergic neurons. The presence of polymorphisms in the N-terminal arginine-rich region, including a specific mutation that changes an ATG start codon to AGG, have been reported in a variety of solid tumors; however, these polymorphisms were later shown to exist in normal tissues and are thus no longer thought to be tumor-related. [provided by RefSeq, Apr 2014]

Locus ID: 7873

MW: 12.7