

Product datasheet for **SC208797**

Mortality Factor 4 like 2 (MORF4L2) (NM_001142421) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Mortality Factor 4 like 2 (MORF4L2) (NM_001142421) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MORF4L2
Synonyms:	MORFL2; MRGX
ACCN:	NM_001142421
Insert Size:	693 bp
Insert Sequence:	<p>>SC208797 3'UTR clone of NM_001142421</p> <p>The sequence shown below is from the reference sequence of NM_001142421. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCTGCTGAGTACCACCGCAAAGCCCTGTGCGCTCTACAGACAGCTCACCATTTTTGTCTGTATCTGT
AAACACTTTTTGTTCTTAGTCTTTTTCTGTAAAATTGATGTTCTTTAAATCGTTAATGTATAACAGG
GCTTATGTTTCAGTTTGTTCCTGTTCTGTTTAAACAGAAAATAAAAGGAGTGAAGCTCCTTTTCTC
ATTTCAAAGTTGCTACCAAGTGTATGCAGTAATTAGAACAAGAAAGAAACATTAGTAGAACATTTTATT
GCCTAGTTGACAACATTGCTTGAATGCTGGTGGTTCCTATCCCTTTGACACTACACAATTTCTAATAT
GTGTTAATGCTATGTGACAAAACGCCCTGATTCTAGTGCCAAAGGTTCAACTTAATGTATATACCTGA
AAACCATGCATTTGTGCTCTTTTTTTTTTTTATGGTGTGTAAGTAAACAGCCCATCCTCTGCAAG
TCCATCTATGTTGTTCTTAGGCATTCTATCTTTGCTCAAATTGTTGAAGGATGGTGAATTTGTTTCATGG
TTTTTGATTTGAGTCTAATGCAGTTCTAACATGATAGAGGCAATGCATTATTGTGTAGCCACGGTTT
TCTGGAAGTTGATATTTAGGAATTGATTTTCAGATCTAAATAAAATTTGTTTCTAAATTTCAAAG
CAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

```

Restriction Sites: SgfI-MluI

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).



[View online »](#)

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_001142421.2</u>
Summary:	Component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histone H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. The NuA4 complex ATPase and helicase activities seem to be, at least in part, contributed by the association of RUVBL1 and RUVBL2 with EP400. NuA4 may also play a direct role in DNA repair when directly recruited to sites of DNA damage. Also component of the MSIN3A complex which acts to repress transcription by deacetylation of nucleosomal histones. [UniProtKB/Swiss-Prot Function]
Locus ID:	9643
MW:	27.1