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Product datasheet for SC208790

Mortality Factor 4 like 2 (MORF4L2) (NM_001142420) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Mortality Factor 4 like 2 (MORF4L2) (NM_001142420) Human 3' UTR Clone
Symbol:	Mortality Factor 4 like 2
Synonyms:	MORFL2; MRGX
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001142420
Insert Size:	693 bp

Insert Sequence:

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>SC208790 3'UTR clone of NM_001142420
The sequence shown below is from the reference sequence of NM_001142420. The complete
sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCTGCTGAGTACCACCGCAAAGCCCTGTGAGCGTCTACAGACAGCTCACCATTTTTGTCCTGTATCTGT
AAACACTTTTTGTTCTTAGTCTTTTTCTTGTAAAATTGATGTTCTTTAAAATCGTTAATGTATAACAGG
GCTTATGTTTCAGTTTGTTTTCCGTTCTGTTTTAAACAGAAAATAAAAGGAGTGTAAGCTCCTTTTCTC
ATTTCAAAGTTGCTACCAGTGTATGCAGTAATTAGAACAAAGAAGAAACATTCAGTAGAACATTTTATT
GCCTAGTTGACAACATTGCTTGAATGCTGGTGGTTCCTATCCCTTTGACACTACACAATTTTCTAATAT
GTGTTAATGCTATGTGACAAAACGCCCTGATTCCTAGTGCCAAAGGTTCAACTTAATGTATATACCTGA
AAACCCATGCATTTGTGCTCTTTTTTTTTTTTTATGGTGCTTGAAGTAAAACAGCCCATCCTCTGCAAG
TCCATCTATGTTGTTCTTAGGCATTCTATCTTTGCTCAAATTGTTGAAGGATGGTGATTTGTTTCATGG
TTTTTGTATTTGAGTCTAATGCACGTTCTAACATGATAGAGGCAATGCATTATTGTGTAGCCACGGTTT
TCTGGAAAAGTTGATATTTTAGGAATTGTATTTCAGATCTTAAATAAAATTTGTTTCTAAATTTCAAAG
CAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
```

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).

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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:	NM_001142420.2
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

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