

## Product datasheet for **SC214398**

### **MCAF2 (ATF7IP2) (NM\_024997) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	MCAF2 (ATF7IP2) (NM_024997) Human 3' UTR Clone
Symbol:	MCAF2
Synonyms:	MCAF2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_024997
Insert Size:	1419 bp



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<b>Insert Sequence:</b>	<p>&gt;SC214398 3'UTR clone of NM_024997</p> <p>The sequence shown below is from the reference sequence of NM_024997. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <p>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG  TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  ATCCCTGGGTTTTCTGAAAATCTTACGTAAGAGTGTTTAATAATGATATACTACTTTTTTTTCATAT  TTGTTTGTGTGCAATGTTACTGTAATACTATTTGCCATTGTAAAAGGCCAGCTCAGATTGTGAGCCCTT  TCTATTGGGACAGTCCTCTTCTATATGTTTAAAGTGGCCAGTAATTTAATGAATTTCTGGTTGTATTA  AATATGTCCTTCCAATGGATAAGTTCTAAACATACGCTATCATTGGCCCATGTTGCTGAGGTGCATTG  TGAACAATACCTTTAGTGACTGTGGAAGTCTGCTTCTATCAGAAGACCTAGGATACAAGCAGCCACTG  TTTCTCCGTTAACAATCAGCTTTTAGTAACCTGCTGTGGTCAGCATAGCTACAGGAAAAGTCAGCCCT  TGACTGAGGGCCAGATCATCCCTGGAGTGCACCTCTACTAAGATTTTATGAAAAGATGACATGTTGGGC  TGCATGATAAAAGTTAATTATAAAAAATTAAGATTTTTTTTTTTTGGAGATGGAATATTGCTCTGTGCC  CAGGCTGGAGTACAGTGGTCACTGCAACCTCCATCTCCCTGGTTCAAGCAATTCTCTATGTCAGCCTC  CCAAGTAGCTGGGACTATAGTCACTTGCCACCATGCCCGGCTAATTTATTTTAGTAGAGATGAGTTT  CACCTTGTGGTCAGGCTGGTCTCAAACTCCTGACCTCAGGGGATCCACCCGCTCGGCCTCCCGAAGT  GCTGGGATTATAGGCGTAAGCCACCATGCTGGCCAAAAATTAAGATTTTATGAAACGAAATGGCTT  CCCATTCTTTCTATTAGCTTCTAAGTGGGCTATTCATTTGTGCTCTCCTCTTTTTGTTTTGTTTTGC  ACTTTGTCAATCATTTGGGGAATAGCTGGAGGCTTTTCTGAATCTGTTGTAGACATAATAAAATT  TGTGTGCTGTGTACAAAAACATAATGTATCTTATGAAAGCATTACCAACCTGTTGAGTTGAGAAT  GCATTTGTCCACCTTTGATTTGAGGCTTTAGTTTGCTGATTTCTAAATGCTACCTTTGATCATTTC  TGGCCACCATCACAATACTAAGGGGCTCAGATGTGCTTGTGCCCACCTTTCTGAGAAGAGATGGAA  GTGGAGCTGTGACTAGTACAAGCAGCCCAAGAACTCTGAACGGGGCCCAATGGAGGCAAACTTGAGCA  AATAATTGGGATGATAAGAAACAAAAAATCCCAACTGTTGAAAGTTCGAAAGAGGGGCATTCTTTT  CTGGTACATGGTGAAGTTCAGGCTCCAGAGACTCAAAACGGAATGGTTTCTTGGCATTTTGAAAT  GCTCTCATCTGTAGCAATAAAGCTGTTATTTCTGCA  ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA  CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</p>
<b>Restriction Sites:</b>	Sgfl-MluI
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_024997.5</a>
<b>Summary:</b>	Recruiter that couples transcriptional factors to general transcription apparatus and thereby modulates transcription regulation and chromatin formation. Can both act as an activator or a repressor depending on the context. Mediates MBD1-dependent transcriptional repression, probably by recruiting complexes containing SETDB1. The complex formed with MBD1 and SETDB1 represses transcription and probably couples DNA methylation and histone H3 'Lys-9' trimethylation (H3K9me3) activity (Probable).[UniProtKB/Swiss-Prot Function]
<b>Locus ID:</b>	80063

MW: 53.2