

## 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
Vector:	pMirTarget (PS100062)
Symbol:	ATF7IP2
Synonyms:	MCAF2
ACCN:	NM_024997
Insert Size:	1419 bp



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**Insert Sequence:** >SC214398 3'UTR clone of NM\_024997  
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.  
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATCCCTGGGTTTTCTGAAAATCTTACGTAAAGGTGTTAATAATGATATACTACTTTTTTTTCATAT
TTGTTTGTGGCAATGTTACTGTAATACTATTTGCCATTGTAAAAGGCCAGCTCAGATTGTGAGCCCTT
TCTATTGGGACAGTCCTCTTCTATATGTTTTAAGTGGCCAGTAATTTAATGAATTTCTGGTTTGATTA
AATATGTCCTTCCAATGGATAAGTTCTAAACATACGCTATCATTGGCCCATGTTGCTGAGGTGCATTG
TGAACAATACCTTTAGTGACTGTGGAAGTCTGCTTCTATCAGAAGACCTAGGATACAAGCAGCCACTG
TTTCTCCGTTAAACAATCAGCTTTTAGTAACCTGCTGTGGTCAGCATAGCTACAGGAAAAGTCAGCCCT
TGACTGAGGGCCAGATCATCCCTGGAGTGCACCTCTACTAAGATTTTATGAAAAGATGACATGTTGGGC
TGCATGATAAAAAGTTAATTATAAAAATTTAAAGATTTTTTTTTTTGAGATGGAATATTGCTCTGTGCC
CAGGCTGGAGTACAGTGGTCACTGCAACCTCCATCTCCCTGGTTCAAGCAATTCTCTATGTCAGCCTC
CCAAGTAGCTGGGACTATAGTCACTTGCCACCATGCCCGCTAATTTATTTTAGTAGAGATGAGGTTT
CACCTTGTGGTCAAGGCTGGTCTCAAACCTCTGACCTCAGGGGATCCACCCGCTCGGCCTCCCGAAGT
GCTGGGATTATAGGCGTAAGCCACCATGCCTGGCCAAAATTTAAAGATTTTATGAAACGAAATGGCTT
CCCATTCTTTCTATTCAGCTTCTAAGTGGGCTATTCATTTGTGCTCTCCTCTTTTTGTTTTGTTTTGC
ACTTTGTCAATCATTTGGGAAAATAGCCTGGAGGCTTTTCTGAATCTGTTGTAGACATAATAAAAT
TGTGTGCTGTGTACAAAAACATAATGTATCTTATGAAAGCATTACCCAACCTGTTGAGTTGAGAAAT
GCATTTGTCCACCTTTGATTTGAGGCTTTAGTTTGCTGATTTCTAAATGCTACCCTTTGATCATTTC
TGGCCACCATACAATACTAAGGGGCTCAGATGTGTCTTGTGCCACCTTCTCTGAGAAGAGATGGAA
GTGGAGCTGTGACTAGTACAAGCAGCCCAAGAACTCTGAACGGGGCCCAATGGAGGCAAACTTGAGCA
AATAATTGGGATGATAAGAAACAAAAAATCCCAACTGTTGAAAGTTCGAAAGAGGGGCATTCTTTT
CTGGTACATGGTGAAGTTCAGGCTCCAGAGACTCAAACGGAATGGTTTTCTTGGCATTGTAAT
GCTCTCACATCTGTAGCAATAAAGCTGTTATTTCTGCA
ACGCGTAAGCGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
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**Restriction Sites:** Sgfl-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).

**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\\_024997.5](#)

**Summary:** 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]

**Locus ID:** 80063

MW: 53.2