

Product datasheet for **SC337978**

MCAF1 (ATF7IP) (NM_001286514) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MCAF1 (ATF7IP) (NM_001286514) Human Untagged Clone
Tag:	Tag Free
Symbol:	MCAF1
Synonyms:	AM; ATF-IP; MCAF; MCAF1; p621
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001286514, the custom clone sequence may differ by one or more nucleotides

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ATGGACAGTTTAGAAGAACCCTCAGAAAAAGTCTTTAAGGCTCGAAAAACGATGAGAGTGAGTGATCGTC
AGCAACTTGAAGCAGTGTACAAGGTCAAAGAAGAACTGTTGAAAACGATGTCAAGCTGTTAAATGGCAA
CCATGAAAATGGAGATTTGGACCAACCTCACCTTTGGAAAACATGGATTACATTAAGACAAGGAAGAG
GTGAATGGCATTGAAGAGATTTGTTTTGATCCTGAAGGAAGTAAAGCAGAATGGAAGGAAACACCCTGTA
TCCTAAGTGTAAATGTAAAAACAAGCAGGATGATGATTTAAATTGTGAACCTTTGTCTCCCATATAAT
AACTCCAGAACCAGTCTCTAAACTGCCTGCTGAACCAAGTTCTGGTGATCCAGCCCCTGGTGATCTGGAT
GCCGGAGATCCAGCCTCCGGAGTACTGGCCTCTGGTGATCCACCTCTGGTGATCCACCTCTAGCGAGC
CCTCCTCTAGTGATGCTGCCTCTGGTGATGCAACCTCTGGTGATGCCCTCTGGTGATGTGCCCTGG
TGATGCCACCTCTGGTGATGCCACTGCTGATGATCTCTCCTCTGGTGATCCACCTCTAGTGATCCCATC
CCAGGTGAACCGTCCCTGTTGAACCCATTTCTGGTGATTGTGCCGCTGATGATATAGCCTCTAGTGAAA
TAACCTTCTGTTGATCTGGCTTCTGGAGCACCAGCTTCCACTGATCCAGCCTCTGATGATCTGGCCTCTGG
TGATCTATCCTCTAGTGAACCTGCTGATGATCTGGCCACTGGTGAACCTGCTGATGAGCTGACT
TCTGAATCAACCTTTGATCGTACCTTTGAACCAAAGTCTGTACCAGTTTGTGAACCAAGTTCTGAAATTG
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ACTCTAGAAACAGATGATACAACCTATTTGTTGATCGACCTCCTGAAAATGAAAAGAAGGTAGAGGAAG
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GAGAATATCTTAGAAAATACAGACTCTATGGAGACAGATGAAATCATTCTATTTTGGAAAAGCTTGCAC
CTTCTGAGGATGAACTTACTTGTCTTTCTAAAACATCTCTCCTTCCAATCGATGAGACAAAATCCAGATT
GGAAGAGAAAAATGAAAGTTCTTTTGGTTCACCATCTAAACAAGAAAGTAGTGAGAGTTTGCCAAAAGAA
GCCTTTCTGGTCTCTCTGATGAAGAGGATATTTCCGGTGAAAAGATGAGTCTGAAGTTATATCGCAA
ATGAAACCTGCTCTCCAGAAGTAGAAAGTAATGAAAAGGACAACAAACCTGAGGAAGAAGAGCAAGTAAT
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ACATGAAGATGATGAAAGACCTTCTGAGAAAAATGAATTTCTAGACGAAAACGTTCTAAATCAGAAGAC
 ATGGACAATGTACAGTCTAAACGTCGTCGATATATGGAAGAAGAAATGAGGCAGAAATTTCAAGTAAAGA
 TTACAGCCAAAGGAGACATTAACCCAGAACTTCAAAGGTTATACAGTGGTTGCTGGAAGAAAAATTGTG
 TGCGCTGCAGTGTGCTGTATTTGATAAGACTTTGGCAGAATTGAAAACACGAGTGGAAAAGATTGAATGT
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 AAAAGAAATGTAAGCGAGAGTGCACCACCTCTTCAAACCTCCTGTGAATACAGTATCTTCAACCAATC
 TTGTCACCTCCTCCAGCAGTTGTGTCAGTAGTCAACCTAAATTGCAGACTCCAGTGACTTCGGGTTCCCTCAC
 AGCAACGTCAGTCTTCTGACCCCAATACAGCTACTGTAGTTGCTACTACTCAGGTGCCTAGTGGAAAT
 CCCCAGCCTACAATCTCTTTACAGCCTTTGCCAGTGATTTGTCATGTACCTGTTGCAGTATCCTCCAGC
 CTCAGTCTTACAGAGCCATCCAGGGACTTTGGTGACTAATCAACCATCTGGCAATGTTGAATTCATTTT
 TGTGCAAAGCCCACCTACAGTGAAGTGGTCTTACCAAAAATCCAGTATCCTTGCCATCCTTGCCAAATCCC
 ACTAAACCAAACAACGTTCTTTCTGTGCCAGTCTAGTATTCAAAGGAACCCACTGCCAGTGTGCAC
 CATTGGGAACAACACTTGTGTGAGGCTGTTCCAACAGCACACTCTATTGTACAAGCCACAAGGACTTC
 TTTACCCACAGTGGGCCATCAGGACTCTATAGTCCATCAACTAATCGAGGTCTATACAGATGAAAATT
 CCAATTTCTGCATTTAGTACTTCGTCTGTGTCAGAACAGAACAGCAATACCACCCCAAGAATTGAAAACC
 AGACAAACAAAACAATAGATGCTTCTGTGAGTAAAGAAAGCAGCTGATAGCACATCACAGTGTGAAAAGC
 CACTGGCAGTGATTCAAGTGGTGTCAATTGATCTCAAAATGGATGATGAAGAGAGTGGAGCTTCACAAGAC
 CCCAAAAAATAAATCACACTCCTGTATCAACCATGAGTTCTTCTCAGCCTGTGTACGACCATTGCAAC
 CCATAACAACAGCACCGCCTCTTCAACCATCTGGGGTGCCAACAAGTGGACCATCTCAGACCACCATACA
 CTTACTACCTACAGCTCCAACCTACCGTGAATGTAACACATCGTCCAGTAACTCAGGTGACCACAAGACTC
 CCTGTACCAAGAGCTCCTGCAAACCCAGGTTGTTTATAACAATCTTCTGCACCACAGCTCAGGCTC
 CCTTGCGAGGAAGTGTATGTCAGGCTCCTGCTGTTGCGGAGGTCATCCCAAAAATAGTGTACAGTTG
 AGTGCCTCAAACAACACATATGTTGTAACAATGGACTAACCTGGGATCAACAGGACCTCAGCTCACA
 GTGCATCACCGACCACCACAAGTGCATACTGAGCCCCACGCCCCGTGCACCCAGCACCTTACCAGAAG
 CTCCACAACACAGCGTCTGCCCCAGAAGCTGCCAGCACATCTGCCTCAGAAGCCACACTTGAAGTT
 AGCACGCGTTTCAAGTCAAAATGGCATAGTACTGTGATGGAGTGTCTGGAGGTGGATCGAAGCTGTGCC
 ACTGTTGATAGCTACCATCTCTATGCTTACCATGAGGAACCCAGTCCACTGTGCCCTCACAAATGGAAAA
 AGATTGGGAAGTCAAGGCACTTCCCTTGCCATGGCATGACTCTCACCCAGTTTGTATCTGGTAGCAA
 ATACTACTTTGTCAGTACGAGCAAGGATATTTATGGACGTTTTGGCCTTCTGTGATCCTCAGTCAACA
 GATGTGATCTCTTCTACCCAGAGCAGTAA

Restriction Sites:

Sgfl-RsrII

ACCN:

NM_001286514

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001286514.1 , NP_001273443.1
RefSeq Size:	8875 bp
RefSeq ORF:	3810 bp
Locus ID:	55729
UniProt ID:	Q6VMQ6
Cytogenetics:	12p13.1
Protein Families:	Transcription Factors
Gene Summary:	<p>ATF7IP is a multifunctional nuclear protein that associates with heterochromatin. It can act as a transcriptional coactivator or corepressor depending upon its binding partners (summary by Liu et al., 2009 [PubMed 19106100]).[supplied by OMIM, Nov 2010]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and contains multiple differences in the 5' coding region, compared to variant 1. It initiates translation at a downstream in-frame start codon. The encoded isoform (3) is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>