

Product datasheet for RN209464

Maf (NM_019318) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Maf (NM_019318) Rat Untagged Clone
Tag: Tag Free
Symbol: Maf
Synonyms: cMaf; Maf2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209464 representing NM_019318
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTCAGAACTGGCAATGAACAATCCGACCTGCCACCAGTCCCCTGGCCATGGAATATGTTAATG
 ACTTCGATCTGATGAAGTTTGAAGTGAAAAGGAAACCGGTGGAGACCGACCGCATCATCAGCCAGTGGCG
 CCGTCTCATCGCGGGGGCTCGCTGTCTCCACCCCATGAGCAGCCCTGCAGCTCGGTGCCCCCGTCC
 CCCAGTTCTCGGCGCCAGCCCGGCTCGGGCAGCGAACAGAAGGCGCACCTGGAAGACTACTACTGGA
 TGACCGGCTACCCGACGAGCTCAACCCGGAGGCGCTGGGCTTCAGCCCGGAGGACGAGTCGAGGCGCT
 CATCAGCAATAGCCACCAGCTCCAGGGTGGCTTCGATGGCTATGCGCGGGGCGCGCAGCAGCTGGCCGCG
 GCAGCGGGGGCCGGCGCCGGCGCCTCCCTGGGCGCAGCGGCGAGGAGATGGGCCCGCCGCGCCGTGG
 TGTCCGCGTGATCGCCGCGCCGCGCGCAGAGCGGCGGGCACCTCACTACCATCACCACCACCACCA
 CGCCACGGGGCACCACCACCACCCGACGGCCGGCGCCCGGGAGCCGCGGGTAGCGCGTCCGCTCTGCG
 AGCGGCGGGGTGGCGGGGCGCGGTGGCCCGCCAGCGCCGGGGCGCGGGCGCGGGCGGGCGGGGG
 GCACGGCGGGGGCGGGGGCGCCCTGCACCCGCACCATGCCGCGGAGGCCTGCACCTTCAGCAGCCGCTT
 CTCGGACGAGCAGTTGGTGACCATGTGCGTGCCTGAGCTGAACCGCAGCTGCGCGGGTTCAGCAAGGAG
 GAGGTGATCCGACTGAAGCAGAAGAGGCGGACCCTGAAAAACCGCGCTATGCCAGTCTCGCCGTTCA
 AGAGGGTGCAGCAGAGACACGTCTGGAGTCGAGAGAAGAACAGCTGCTGCAGCAGGTCGACCACCTCAA
 GCAGGAGATCTCAGGCTGGTGCAGAAAGGGACGCTACAAGGAGAAATACGAGAAGTTGGTGAGCAGC
 GGGTTCGAGAAAACCTGCTCGAGCAGCGACAACCCCTCTCTCCCGAATTTTTCATG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_019318



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Insert Size:	1110 bp
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:	<u>NM_019318.1</u> , <u>NP_062191.1</u>
RefSeq Size:	1944 bp
RefSeq ORF:	1110 bp
Locus ID:	54267
UniProt ID:	<u>P54844</u>
Cytogenetics:	19q12
Gene Summary:	transcription factor containing a bZip DNA binding domain; may play a role in morphogenic processes and cellular differentiation [RGD, Feb 2006]