

Product datasheet for **RN208507**

Mafb (NM_019316) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mafb (NM_019316) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mafb
Synonyms:	b-maf; Krml
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN208507 representing NM_019316 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCGCGGAGCTGAGCATGGGGCCAGAGCTGCCACCAGCCCGCTGGCCATGGAGTACGTCAACGACT
TCGACCTTCTCAAGTTCGACGTGAAGAAGGAGCCACTGGGGCGTGCAGGAGCGTCCCGGCCGCCATGCAC
ACGCTGCAGCCGGCTGGTTCGGTGTCTCCACCCGCTCAGCACACCGTGCAGCTCCGTGCCTTCTTCT
CCCAGCTTCAGTCCGACTGAACAGAAGACCCATCTCGAGGACCTGTACTGGATGGCGAGCAACTACCAGC
AGATGAATCCCGAGGCACTCAACCTGACACCCGAGGACGCGGTGGAGGCGCTCATCGGCTCGCACCCAGT
GCCACAGCCGCTGCAGAGCTTCGACGGCTTCGTAAGTGCACACCACCATCACCACCACCACCACCCAT
CCGACACCAGGGTACCCAGGAGCCGGTGTGACTCACGATGAGCTGGGCCCGCACGCTCACCCGCACCATC
ACCACCATCACCAGCATCACCGCCCGCTCCAGCGCTGCCAGTCCGGCGCAACAGCTGCCCACTAGTCA
CCCGGGGCCGGGACCGCACGCGGCGAGCCGCGGCGACGGCTGCGGGCAGCAACGGTGTGTGGAGGACCGC
TTCTCTGACGACCAGCTGGTGTCCATGTCCGTGCGTGAAGTGAACCGCCACCTGCGGGGCTTACCAAGG
ACGAGGTGATCCGCCTGAAGCAGAAGCGGCGGACCCCTGAAGAACCAGGCTACGCCAGCTCGTGCAGGTA
TAAACGCGTCCAGCAGAAACATCACCTGGAGAAGCAGAGACGCGCTCATTAGCAGGTGGAGCAGCTT
AAGCAGGAGGTGTCCCGCTGGCCCGCAGAGAGACGCGCTACAAGGTCAAGTGCAGAACTCGCCAAC
CCGGCTCAGGAGGCGGGCTCCACCAGCGACGCCCTCCTCCTGAGTTCTTCTGTGA

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-RsrII
ACCN:	NM_019316



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Insert Size:	972 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_019316.1</u> , <u>NP_062189.1</u>
RefSeq Size:	1923 bp
RefSeq ORF:	972 bp
Locus ID:	54264
UniProt ID:	<u>P54842</u>
Cytogenetics:	3q42
Gene Summary:	nuclear bZip transcription factor; involved in the late stages of chondrocyte development [RGD, Feb 2006]