

Product datasheet for **MC204060**

Maff (NM_010755) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Maff (NM_010755) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Maff
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC022952

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GGCTCGAGAGCGGCCAAGGACCGCCACCGCGACAGCCGCGACAAGCACGCACTGAGCGCCGGCCTGGCG
GAGAGCGGTCTCCAGCCCAGAGGTCATCTTCTGCGAAAAATGGCTGTGGATCCCTTATCTAGCAAAGCCCT
GAAGGTCAAGCGCGAGTTGAGCGAGAACACGCCGACCTGTCGGATGAAGCGCTGATGGGCTGTCCGGT
CGCGAGCTGAACCGCAACCTGCGCGGGCTGTGCGCGGAGGAGGTGACGCGGCTGAAGCAGCGCGCCGCA
CACTCAAGAACCAGCGGCTACGCGGCCAGCTGCCGCGTGAAGCGCGTGTGCCAGAAGGAGGAGCTGCAGAA
GCAGAAGTCCGAGCTGGAGCGCGAGGTGGACAAGCTGGCGCGCGAGAACGCCCATGCGCTGGAGCTC
GACGCGCTGCGCGGCAAGTGTGAAGCGCTGCAGGGCTTCGCGCGCTCCGTGGCCGCCGCCCGCGGGCCCG
CCGCACTGGTGGCGCCCGCCAGCGTCATACCATCGTCAAGTCGCGCGCCGGGCCAGCCCTGCTGCTGA
CCCCGCCCTGCTCCTAGTACCCGCCCCACCCACACCCCTCGGAGCCCACTCCCTCTTCAAGT
GCCTGAGTTCCTTCTGCTTCCATTCCTTCTGCTGCCACTCGTTGTAGTACTTACATTCCTTCTG
GGCTCTGACTCTTGCAGGCCCCAAACTGGGACCTGATGGCCCTGGGGAGGGCAACTTTGCTAAGTTGG
GGTGGGGGAGGCGTTAGGGTTCTAAGTTTCCCTGGGCTGAAAGTCCGGCTCAAATGAAAATGAGGTC
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GAGAGGCAAACTACAGTCCTGATGCAGGAGAATGGGGTGGGTGTGGGGTGACCTGGAGTTACGGCTTC
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TACAAATAAATCACATTTAATCTTATATTTAGGGAGAGCTGGGTGGCAACAATAGTTTTTTTTTTTTTA
AAAAAAAAAAATTTGCGCAGCTCCAGAGTTTATTTATTTCTGACTTCAAGTGAGCCAGTTATCTGCCT
TGAGTATTTGTAGACTTTCTGAATAAAGTCAAGTTCTTTTTCCACAAAAAAAAAAAAAAAAAAAAAAAAA
  
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Restriction Sites: RsrII-NotI



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ACCN:	NM_010755
Insert Size:	471 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:	BC022952 , AAH22952
RefSeq Size:	1832 bp
RefSeq ORF:	471 bp
Locus ID:	17133
UniProt ID:	O54791
Cytogenetics:	15 37.7 cM
Gene Summary:	<p>Since they lack a putative transactivation domain, the small Mafs behave as transcriptional repressors when they dimerize among themselves. However, they seem to serve as transcriptional activators by dimerizing with other (usually larger) basic-zipper proteins, such as NFE2L1/NRF1, and recruiting them to specific DNA-binding sites. Interacts with the upstream promoter region of the oxytocin receptor gene. May be a transcriptional enhancer in the up-regulation of the oxytocin receptor gene at parturition.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the shortest isoform (1). Both variants 1 and 2 encode the same protein (isoform 1).</p>