

Product datasheet for **SC318902**

MAZ (NM_002383) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MAZ (NM_002383) Human Untagged Clone
Tag: Tag Free
Symbol: MAZ
Synonyms: Pur-1; PUR1; SAF-1; SAF-2; SAF-3; ZF87; Zif87; ZNF801
Mammalian Cell Selection: None
Vector: pCMV6-XL6
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_002383 edited
 ATGTTCCCGGTGTTTCTTGCACGCTGCTGGCCCCCCTTCCCGTGCTGGGCCTGGAC
 TCCCGGGGGTGGCGGCTCATGAACCTCTCCCGCCACCTCAGGGTCACGCCAGAAC
 CCCTGCAGGTGCGGGCTGAGCTCCAGTCCCGCTTCTTTGCCTCCAGGGCTGCGCCAG
 AGTCCATTCCAGGCCGCGCGGCCCGCCACGCCCCAGGCCCGGGCGGAGCC
 CTCCAGGTGGACTTGTCCCGGTGCTCGCCGCCCGCAGGAGTCCGCCGCGGCTGCTGCG
 GCCGCTGCCGCCGCTGCTGCCGCGTGCCTGCCGCGCCCCGGCCCTGCCGCGCCTCT
 ACGGTGGACACAGCGCCCTGAAGCAGCCTCCGGCGCCCCCTCCGCCACCCCGCCAGTG
 TCGGGCCCGCGGCGGAGGCCGCGCCCCCGCCTCCGCCGCACTATCGCCGCGGGCGG
 GCCACCGCGTGTAGCCCAACCTCGACGGTCCCGTGGCCCCGGTCCGCTCTGCCTTG
 GAGAAGAAGACAAGAGCAAGGGGCCCTACATCTGCGCTCTGTGCCAAGGAGTTCAAG
 AACGGTACAATCTCCGAGGCACGAAGCCATCCACAGGGAGCCAAGGCCGCGCGGTC
 CCCTCGGGTGTATGAAGATGCCGACCATGGTGCCCTGAGCCTCCTGAGCGTGCCCGAG
 CTGAGCGGAGCCGGCGGGGAGGGGAGAGGGGGTGCCGGCGCGGCGCTGCCGCAAGT
 GCCGCCGTGGCGTGGTGACCACGACCGCCTCGGGGAAGCGCATCCGGAAGAACCATGCC
 TGCGAGATGTGTGGCAAGGCCTCCGCGACGTCTACCACCTGAACCGACACAAGTGTGC
 CACTCGGACGAGAAGCCCTACCAGTGCCCGGTGTGCCAGCAGCGTTCAAGCGCAAGGAC
 CGCATGAGCTACCAGTGCCTCACATGACGGCGCTGTGCACAAGCCCTACAAGTGTCC
 CACTGTGGCAAGAGCTTCTCCCGCGGATCACCTCAACAGTCAAGTCAAGTGTGC
 TCAACAGAACGGCCCTCAAATGTGAGAAATGTGAGGCAGCTTTCGCCACGAAGGATCGG
 CTGCGGGCGCACACAGTACGACACGAGGAGAAAGTGCCATGTACGCTGTGTGGCAAGATG
 CTGAGCTCGGCTTATATTTCCGACCACATGAAGGTGCACAGCCAGGGTCTCACCATGTC
 TGTGAGCTCTGCAACAAAGTACTGGTGAAGTTTGTCCAATGGCGGCGCAGCGGACGCG
 GCGGCAGCGCAGCAGCGGCAGCAGTAGCAGCCCTCCACAGCTGTGGGCTCCCTCTCG
 GGGCGGAGGGGGTGCCTGTGAGCTCTCAGCCACTTCCCTCCCAACCCTGGTGA

Restriction Sites: Please inquire



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ACCN:	NM_002383
Insert Size:	2559 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_002383.2 , NP_002374.2
RefSeq Size:	2559 bp
RefSeq ORF:	2559 bp
Locus ID:	4150
UniProt ID:	P56270
Cytogenetics:	16p11.2
Protein Families:	Transcription Factors

Gene Summary:

May function as a transcription factor with dual roles in transcription initiation and termination. Binds to two sites, ME1a1 and ME1a2, within the MYC promoter having greater affinity for the former. Also binds to multiple G/C-rich sites within the promoter of the Sp1 family of transcription factors. Regulates inflammation-induced expression of serum amyloid A proteins.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) lacks an alternate exon in the 3' coding region which results in a frameshift, compared to variant 2. It encodes isoform 1 which has a distinct C-terminus and is shorter than isoform 2.