

Product datasheet for **SC311388**

MAZ (NM_001042539) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MAZ (NM_001042539) 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_001042539 edited
 ATGTTCCCGGTGTTTCTTGCACGCTGCTGGCCCCCCTTCCCGTGTGGCCTGGAC
 TCCCGGGGGTGGCGGCTCATGAACCTCTCCCGCCACCTCAGGGTCACGCCAGAAC
 CCCTGCAGGTTCGGGGCTGAGCTCCAGTCCCGCTTCTTTGCCTCCAGGGCTGCGCCAG
 AGTCCATTCCAGGCCGCGCGGCCCGCCACGCCCCAGGCCCGGGCGGAGCC
 CTCCAGGTGGACTTGTCCCGTGTGCGCGCCCGCCAGGAGTCCGCGCGGCTGCTGCG
 GCGCTGCGCGCTGCTGCGCGCTGCTGCGCGCCCCCGGCCCTGCGCGCGCTCT
 ACGGTGGACACAGCGCCCTGAAGCAGCCTCCGGCGCCCCCTCCGCCACCCCGCCAGT
 TCGGGCCCGCGGCGGAGCCGCGCCCCCGCCTCCGCCGCACTATCGCGCGGGCGG
 GCCACCGCGTGTAGCCCAACCTCGACGGTCCCGTGGCCCCGCTCGCTGTGCCTT
 GAGAAGAAGACAAGAGCAAGGGGCCCTACATCTGCGCTCTGTGCCTAAGGAGTTCAAG
 AACGGTACAATCTCCGGAGGCACGAAGCCATCCACCGGAGCCAAGGCCGCGGGT
 CCTCCGGTGTATGAAGATGCCGACCATGGTGGCCCTGAGCCTCCTGAGCGTGCCTCAG
 CTGAGCGGAGCCGCGGGGAGGGGAGAGGGGTGCCGGCGCGGCGCTGCCGAGT
 GCCCGCGTGGCGTGGTACCACGACCGCTCCGGGAAGCGCATCCGGAAGAACCATGCC
 TGCGAGATGTGTGGCAAGGCCTCCGCGACGTCTACCCTGAACCGACACAAGTGTG
 CACTCGGACGAGAAGCCCTACCAGTCCCGGTGTGCCAGCAGCGTTCAAGCGCAAGGAC
 CGCATGAGCTACCAGTGCCTCACATGACGGCGCTGTGCACAAGCCCTACAAGTCTCC
 CACTGTGGCAAGAGCTTCTCCCGCGGATCACCTCAACAGTCAAGTCAAGTGCAC
 TCAACAGAACGGCCCTTCAAATGTGAGAAATGTGAGGCAGCTTTCGCCACGAAGGATCGG
 CTGCGGGCGCACACAGTACGACACGAGGAGAAAGTGCATGTACGCTGTGGCAAGATG
 CTGAGCTCGGCTTATATTTCCGACCACATGAAGGTGCACAGCCAGGGTCTCACCATGTC
 TGTGAGCTCTGCAACAAAGGCTTACCACGGCAGCATACTGCGCATCCACGCGTGAAG
 GACCACGGGCTCCAGGCCCGCGGGCTGACCGCATCTGTGCAAGCTGTGCAGCGTGCAC
 TGCAAGACCCCTGCCAGCTGGCCGGCCACATGCAGACCCATCTGGGGGGGCGCCCC
 CCTGTCCCGGAGACGCCCCACGCCACAGCCACCTGCTGA



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Restriction Sites:	NotI-NotI
ACCN:	NM_001042539
Insert Size:	2700 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001042539.1.
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_001042539.1</u> , <u>NP_001036004.1</u>
RefSeq Size:	2789 bp
RefSeq ORF:	1482 bp
Locus ID:	4150
UniProt ID:	<u>P56270</u>
Cytogenetics:	16p11.2
Protein Families:	Transcription Factors
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) represents the longest transcript and encodes the longest isoform (2).</p>