

Product datasheet for SC333231

MAZ (NM_001276275) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MAZ (NM_001276275) Human Untagged Clone
Tag: Tag Free
Symbol: MAZ
Synonyms: Pur-1; PUR1; SAF-1; SAF-2; SAF-3; ZF87; Zif87; ZNF801
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC333231 representing NM_001276275.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGATCCCAGCAACTGGAGCAGCTTCATCTTCCAGGGTCACGCCAGAACCCCTGCAGGTCGGGGCT
GAGCTCCAGTCCCCTTTTGCCTCCCAGGGCTGCGCCAGAGTCCATTCCAGGCCGCGCCGGCGCCC
CCGCCACGCCAGGCCCGCGGGCCGAGCCCTCCAGGTGGACTTGCTCCCGGTGCTCGCCGCCGCC
CAGGAGTCGCGCGGGCTGCTGCGGCCGCTGCCCGCTGCTGCCCGCTCGTCCCGCGCCCGGCC
CCTGCCCGCCCTACGGTGGACACAGCGCCCTGAAGCAGCCTCCGGCGCCCTCCGCCACCCCG
CCAGTGTGCGCGCCCGCGGCCGAGGCCGCGCCCGCCCTCCGCCGCACTATCGCGCGCGCGCGGCC
ACCGCCGTGCTAGCCCCAACCTCGACGGTGCCTGGCCCGGTGCGCTGCTGCCTTGAGAAGAAGACA
AAGAGCAAGGGCCCTACATCTGCGCTCTGTGCGCCAAGGAGTTCAAGAACGGTACAATCTCCGGAGG
CACGAAGCCATCCACACGGGAGCCAAGGCCGGGTCGCCCTCGGGTGCTATGAAGATGCCGACCATG
GTGCCCTGAGCCTCCTGAGCGTGCCCCAGCTGAGCGGAGCCGGCGGGGAGGGGAGAGGGGGTCC
GGCGCGCGCTGCCGAGTGCCCGCGGTGGCGTGGTGACCACGACCGCCTCGGGGAAGCGCATCCGG
AAGAACCATGCCTGCGAGATGTGTGGCAAGGCCTCCCGGACGTCTACCACCTGAACCGACACAAGCTG
TCGCACTCGGACGAGAAGCCCTACCAGTGCCCGGTGTGCCAGCAGCGCTCAAGCGCAAGGACCGCATG
AGTACCAGTGCGCTCACATGACGGCGCTGTGACAAGCCCTACAAGTCTCCACTGTGGCAAGAGC
TTCTCCCGCGGATCACCTCAACAGTCACGTGAGACAAGTGCCTCAACAGAACGGCCCTCAAATGT
GAGAAATGTGAGGAGCTTTCCGCCAAGGATCGGCTGCGGGCGCACACAGTACGACACGAGGAGAAA
GTGCCATGTACGTGTGGCAAGATGCTGAGCTCGGCTTATATTTCCGACCACATGAAGGTGCACAGC
CAGGGTCTCACCATGTCTGTGAGCTCTGCAACAAAGGTAAGTGGTGGGTTTGTCCAATGGCGCGGCA
GCGGCAGCGCGGCGAGCGGCAGCAGCGGAGCAGTAGCAGCCCTCCACAGCTGTGGGCTCCCTCTCG
GGGCGGAGGGGGTGCCTGTGAGCTCTCAGCCACTTCCCTCCAACCCTGGTGA
  
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Restriction Sites: SgfI-MluI
ACCN: NM_001276275
Insert Size: 1365 bp



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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:	NM_001276275.1
RefSeq Size:	2374 bp
RefSeq ORF:	1365 bp
Locus ID:	4150
UniProt ID:	P56270
Cytogenetics:	16p11.2
Protein Families:	Transcription Factors
MW:	46.4 kDa
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 (3) lacks a portion of the 5' coding region, initiates translation at an alternate start codon, and lacks an exon in the 3' coding region, compared to variant 2. The encoded isoform (3) is shorter and has distinct N- and C-termini compared to isoform 2.</p>