

Product datasheet for **MC220116**

Zmat1 (NM_175446) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zmat1 (NM_175446) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zmat1
Synonyms:	A230096A06; AW990744; B930008K04Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220116 representing NM_175446
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCGGCGGGAGGGGGACAGTAGTTTTAAAGTAGACACCTGCCCTTGCCTCAGAGAAGATCCCA
 CGTGTGATGGACAAGAACAACCTGCGTATTTTACAGATAATTTTGTAAACCATGTGGAGTGGTTCTACA
 GCATGAATCAGAAAGGATTTACATTTTGAAGTGAATACATGCTCAAAATGTTAAGTTCTTTTTTCAA
 ATGCATGGAGAACAAGCGAAGTGCCTGGTAGGAAAGTGAACATGCATGCTGGAATTTCTCAGGTGTGCT
 CGAGTGGAGAAGTCAACAGAAACAACCTTACTGATCTGCACAACATGAGTTTGAAGTCCCTAGCTGCTGC
 TCCATCTCACTATGTGGAAAGAGCCATTCTCGACTCAGAACCAAGTCACTGGAAGAACATGATCAAGTA
 TCTCCATCCACATGCTACCAAGATGGATGAACCAATACTACTCTGCACCTCCACCCTTCTGAAGT
 CTGTTATTGTGAAGCCTCTCCAGCATATAGAATGAGAACCTACGTATGCCATATCTGCAGTATCACCTT
 TACATCTTTACATATGTTCCGGTCCACATGCAAGGAAGTGAACATCAAATTAAGAATCTCATGTTATC
 AATCAAGTGAAGAATTCAAAGAAAATGCAAGAGTCTTGCAAGCTGAGTGTGGAGATGACATCAAATGA
 AGAAATCTAGAGAACTAGAGCCCAAGGGTCATTTCAAGGAAATGGAGGATAATTACATGGAAGCCCAAGC
 CCATGAATACAGAGAAATGGTTGATTCTAGACCCAGACATAAAATGCTTGAACAAACACTTCCACTTGAA
 AATTTCTGGGCACACCCAGGACCATACAATGATTCTAGAGCACTAGAAGAGCAGTTACCTCACAATTTAC
 CAGCAGAGTCAAAGACATATGACTCTTTCCAAGATGAAGTTGAAGATTACATCAAAGGGCAGAAGGCCAG
 AGGACTTGATCCCAATACTAGTTTTAGACGGATGTCAGAAAGCTATAGGTATAGGGATCAGAGATACAGA
 GAAAGGGTTGATTCTGAACACAGACAGAGGCCTTGTGAGGAAAGATTTTCATTTGAGGCTCCACAGACCT
 ACCAGCAAGAATACAGTGCCTCCCAAGTGGAGGGCCAATCTCCTCACTGGTTACCATCTCATTCAAAGAG
 GAGAAATGATGATTTCCAAAATGAATTTGATGATTACAACAAGGTGCAGGAATCTAGAGAAATCCGAGCCA
 AAGACTCTTTTGAAGAATGGATAGCTCTTTGAAACCCATAATTACGAAGAAATGGTTGACAGAAGAT
 CCAGTCATACAATGTTTGAAGGAAGGACTCCCATGTGAGACTTTCCAGACTTACACAGATCCATACAGCAG
 TGCACAAGCAGTAGAAAACACGTTACCTCATTGCTTACCAGCTTATGAAAACCAACCGAGCTAGATGCT
 GAAAGCCACTATCAGCTTACCACAGAGGAGTTCTCAGAAATGCCTGCTTCTGAGCCTCAGTCAACAAG
 AAGATAACCTAGCTCATACAATGTAGACTATGACATTTACAAGCATCTGCCCTCAAATGACAATGCCAG
 TGCCCATGAAACAAGTCATAGAAGGCGACGTGAGAAGAGAAAACGACACCTGGAGGAAGGAAAAGAAAGA
 CCAGAGAAGGAACAGTCCAAACATAAAAGAAAAAGAAGCTATCAGGATAAAGATTTAGACAAAGACAAGC
 TCATCAAGCAAAGTAAGAGAGAGGAAGATAAAGCTGGAGTCAGCTCTGAAAAACCAAGCATCGAAGAAA
 GAAAAAGAAACATGAAACATCCTCAGAGAAAGAAGACGTAAGCACAAAAAGAGAAAAAGAAATCTGTT
 GAAGAGAGAACAGAAGAGGAAATCCTTTGGGATGAGTCAATTCTTGGGTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_175446

Insert Size: 1944 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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_175446.3, NP_780655.2

RefSeq Size: 3520 bp

RefSeq ORF: 1944 bp

Locus ID: 215693

Cytogenetics: X E3