

## Product datasheet for **SC113249**

### ZMAT5 (NM\_019103) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZMAT5 (NM_019103) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZMAT5
Synonyms:	SNRNP20; U11/U12-20K; ZC3H19
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113249 sequence for NM_019103 edited (data generated by NextGen Sequencing)

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ATGGGGAAGCGATACTTCTGTGACTACTGCGACCGCTCCTTCCAGGACAACCTCCACAAC
CGCAAGAAGCACCTGAACGGGCTGCAGCACCTCAAGCCAAGAAGTCTGGTACGACATG
TTCCGAGATGCAGCTGCCATCTTGCTGGATGAGCAGAACAAGCGCCCTGCAGGAAGTTT
CTACTGACAGGCCAGTGCGACTTTGGCTCCAAGTGCAGATTTTCCACATGTCAGAGCGA
GACCTGCAGGAGCTGAGCATCCAGGTGGAGGAGGAGGGCGAGCCAGGGAGTGGCTACTA
GATGCTCCTGAGCTCCCCGAGGGCCATCTGGAGGACTGGTGGAGAAGAGAGCCAAGCGG
CTGAGCTCAGCCCAAGTAGCAGGGCTGAACCCATCAGAACCACTGTCTTCCAGTACCCC
GTGGGCTGGCCACCAGTTCAGGAGCTGCCTCCATCCCTGCGGGCACCCCCACCTGGGGGG
TGGCCTCTGCAGCCAGAGTCCAGTGGGGCTGA
```

Clone variation with respect to NM\_019103.2



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_019103 unedited</p> <pre>CGTCAGCAATAGTATACGACTCATATAGGCGGCCGGAATCGCACGAGGAGACTCGAGGG CGAGTCCTAGTCTCTTTTCTCCGCACTGGAAGACTTGAACACTTCCTTCTCTGCAGCAA GCACCTGCTCTGAGTGGCCATGGNGAAGCGATACTTCTGTGACTACTGCGACCGCTCCT TCCAGGACAACCTCCACAACCGCAAGAAGCACCTGAACGGGCTGCAGCACCTCAAGGCCA AGAAAGTCTGGTACGACATGTTCCGAGATGCAGCTGCCATCTTGCTGGATGAGCAGAACA AGCGGCCCTGCAGGAAATTTCTACTGACAGGCCAGTGGCACTTTGGCTCCAAGTGCAGAT TTTCCCACATGTGAGAGCGAGACCTGCANGAGCTGAGCATCCAGGTGGAGGACGAGAGGC GAGCCAGGGAGTGGCTACTAGATGCTCCTGAGCTCCCCGAGGGCCATCTGGAGGACTGCC TGGAGAAGAGAGCCCAAGCGGCTGAGCTCAGCCCCAAAGTAGCAGGGCTGAACCCATCAG AACCACTGTCTTCCAGTACCCCGTNGCTGGCCACCAGTTCCATGAGCTGCCTCCATNC CTGCGGGCACCACCCTGGGGGTGGCCTCTGCAGCCAGATCCAGTGGAGCTTGAGC CCTTGCCCCGACTGACCCACGTTGGTCACTTTTCTCATCAGTCCACAATAAGAAGCCA AGCCCCGTTTCTGCTACCCCATGGAGCTTCCGAGAACATTTGCCACCCTCACTGAG GCTCAAGAACGGGCCACACCAGTGCAGCCCTCGTCTTGGTCTGCACCGGGCAGATCTCCC CTTACTTCTTACCTGCCCCCTGCTTTTTAGAAAGATGGGGAAGACACCTCCAATGT TATAAGGAAGTCCGTACCCACAAAAAACAACAAAAACA</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_019103 unedited</p> <pre>GCAGCCTTTCTTTAAACATTTGGNAGTTTTCTCCCCCTTCTTAANAAGCAGGGGGG AGGTGGAGGAGAGTGAGGGGAGAGCTGCCCGGTGCAGACCCAGGACGAGGGCTGCACTTG GTGTGGCCGTGCTCTGAGCCTCAGTGAGGCTGGGCAGATGGTCTCGGAGCCTCCATGGG CGTAGCAGGAACCGGGCTTGGCTTCTTATTGTGACTGATGAGAAAAGTGACCACGTGGG GTCAGTGGGGGCAAGGGGCTCAGCCCCACTGGACTCTGGGCTGCAGAGGCCACCCCCCA GGTGGGGGTGCCCGCAGGGATGGAGGCAGCTCCTGAACTGGTGGCCAGCCACGGGGTAC TGGAAACAGTGGTTCTGATGGGTTTCCAGCCTGCTACTTGGGGCTGAGCTCAGCCGCTTG GCTCTTCTCCAGCCAGTCCCTCAGATGGCCCTCGGGGAGCTCAGGAGCATCTAGTAGC CACTCCCTGGCTCGCCTCTCCTCCTCCACTGGATGCTCAGCTCCTGCAGGTCTCGCTCT GACATGTGGGAAAATCTGCAGTTGGAGCCAAAGTCGACTGGCCTGTGAGTAGAACTTC CTGCAGGGCCGCTTGTCTGCTCATCCAGCAAGATGGCAGCTGCATCTCGGAACATGTCG TACCAGCCTTCTTGGCCTTGGGTGCTGCAGCCGTTTCAAGTGTCTTGGCGTTGTGG AGGTTGCTGNAAGAGCGGTGCANTANTCACAGAAGTATCGCCTTCCATGGCCACT CANACCAGGTGCTTTGCTGCAAAAAGGGAATGTTCAAGTCTTCCATTGCGGAGAAAGAGA ACTAGACTCGCCCTCAACTCTCCCTCGTGCCGAATTCGGGCCGCTTATATGAGTCCG ATTACAAAATCTGACGGGTCAATTAACGAAGCTCTGGTATTAACCTTCCACGTNACCGCC TACCGCCATTTGCGTCACAGGGCGGG</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_019103
<b>Insert Size:</b>	1000 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.

**RefSeq:** [NM\\_019103.2](#), [NP\\_061976.1](#)

**RefSeq Size:** 1051 bp

**RefSeq ORF:** 513 bp

**Locus ID:** 55954

**UniProt ID:** [Q9UDW3](#)

**Cytogenetics:** 22q12.2

**Domains:** zf-CCCH