

Product datasheet for **SC120769**

ZMAT2 (NM_144723) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZMAT2 (NM_144723) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZMAT2
Synonyms:	Ptg-12; Snu23
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_144723, the custom clone sequence may differ by one or more nucleotides

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ATGGCGTCGGGCAGCGGGACAAAAAAGTTGGACTTTCGCCGAAAGTGGGACAAAGATGAATATGAGAAAC
TCGCCGAGAAGAGGCTCACGGAAGAGAGAGAAAAGAAAGATGGAAAACAGTGCAGCCTGTCAAGCGAGA
GCTTTTACGGCATAGGGACTACAAGGTGGACTTGGAAATCCAAGCTTGGGAAGACAATTGTCATTACCAAG
ACAACCCCTCAATCTGAGATGGGAGGATATTACTGCAATGTCTGTGACTGTGTGGTGAAGGACTCCATCA
ACTTTCTGGATCACATTAATGGAAAGAAACATCAGAGAAAACCTGGGCATGTCTATGCGTGTGGAACGTTT
CACCCTGGATCAGGTGAAGAAACGTTTTGAGGTCAACAAGAAGAAGATGGAAGAGAAGCAGAAGGATTAT
GATTTTGAAGAAAGGATGAAGGAGCTCAGAGAAGAGGAGGAAAAGGCCAAAGCGTACAAGAAAGAGAAAC
AGAAGGAGAAGAAAAGGAGGGCTGAGGAGGACTTGACATTTGAGGAGGACGATGAGATGGCAGCTGTGAT
GGGCTTCTCTGGCTTTGGTTCCACCAAGAAGAGTTACTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_144723 unedited NGGGGTTCAAATTTGTATACGACTCCTATAGGGCGGCCGCGATTCCGGCACCAGGTCGGGC AGCGGGACAAAAAAGTTGGACTTTCGCCGAAAGTGGGACAAAGATGAATATGAGAACTC GCCGAGAAGAGGCTCACGGAAGAGAGAGAAAAGAAAGATGGAAAACCAAGTGCAGCCTGTC AAGCGAGAGCTTTTACGGCATAGGGACTACAAGGTGGACTTGGAAATCCAAGCTTGGGAAG ACAATTTGTCATTACCAAGACAACCCCTCAATCTGAGATGGGAGGATATTACTGCAATGTC TGTGACTGTGTGGTGAAGGACTCCATCAACTTTCTGGATCACATTAATGGAAAAGAACAT CAGAGAAAACCTGGGCATGTCTATGCGTGTGGAACGTTCCACCCTGGATCAGGTGAAGAAA CGTTTTGAGGTCAACAAGAAGAAGATGGAAGAGAAGCAGAAGGATTATGATTTTGAAGAA AGGATGAAGGAGCTCAGAGAAGAGGAGGAAAAGGCCAAAGCGTACAAGAAAGAGAAACAG AAGGAGAAGAAAAGGAGGGCTGAGGAGGACTTGACATTTGAGGAGGACGATGAGATGGCA GCTGTGATGGGCTTCTCTGGCTTTGGTTCCACCAAGAAGAGTTACTGAGGCTTTCTGTGC TTGGCCTGACTTTGGCCTATGCTGGACCTAACTTTGCGTGTGTGTGTGTAGTAGGGGG TCAATTTCTTTNTGGTAATGGGAAAGTTCTTAAGAGTGTCAATGGGGAGGGATAGAGGGT GGNGGCTCATGGTTTCCCTCTACTTTGGAGAGGGCACAGATTGCAGAGGTAATGCTGTG GCATATTGCTTCTGCCTCAGTGTATCACTGGAGTCACAGGACCCTGCCCCACTGAGTCC CCATAAAAAAACCTNCCCTTCTGAGCTGCTTTCCAN
Restriction Sites:	NotI-NotI
ACCN:	NM_144723
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:	<u>NM_144723.1</u> , <u>NP_653324.1</u>
RefSeq Size:	1512 bp
RefSeq ORF:	600 bp
Locus ID:	153527
UniProt ID:	<u>Q96NC0</u>
Cytogenetics:	5q31.3
Protein Pathways:	Spliceosome
Gene Summary:	Involved in pre-mRNA splicing as a component of the spliceosome.[UniProtKB/Swiss-Prot Function]