

Product datasheet for **RG208882**

ZMAT2 (NM_144723) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZMAT2 (NM_144723) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: ZMAT2
Synonyms: Ptg-12; Snu23
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG208882 representing NM_144723
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGTCGGGCAGCGGGACAAAAACTTGGACTTTCGCCGAAAGTGGGACAAAGATGAATATGAGAAAC
 TCGCCGAGAAGAGGCTCACGGAAGAGAGAGAAAAGAAAGATGGAAAACAGTGCAGCCTGTCAAGCGAGA
 GCTTTTACGGCATAGGGACTACAAGGTGGACTTGAATCCAAGCTTGGGAAGACAATTGTCATTACCAAG
 ACAACCCCTCAATCTGAGATGGGAGGATATTACTGCAATGTCTGTGACTGTGTGGTGAAGGACTCCATCA
 ACTTTCTGGATCACATTAATGGAAAGAAACATCAGAGAAACCTGGGCATGTCTATGCGTGTGGAACGTTT
 CACCCTGGATCAGGTGAAGAAACGTTTTGAGGTCAACAAGAAGAAGATGGAAGAGAAGCAGAAGGATTAT
 GATTTTGAAGAAAGGATGAAGGAGCTCAGAGAAGAGGAGAAAAGGCCAAAGCGTACAAGAAAGAGAAAC
 AGAAGGAGAAGAAAGGAGGGCTGAGGAGGACTTGACATTTGAGGAGGACGATGAGATGGCAGCTGTGAT
 GGGCTTCTGGCTTTGGTTCCACCAAGAAGAGTTAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG208882 representing NM_144723
 Red=Cloning site Green=Tags(s)

MASGSGTKNLDFRRKWDKDEYEKLAEKRLTEEREKKGKPVQPVKRELLRHRDYKVDLESKLGKTIIVITK
 TTPQSEMGGYCNVDCVVKDSINFLDHINGKQHQRNLGMSMRVERSTLDQVKKRFEVNNKKMEEKQKDY
 DFEERMKELREEEKAKAYKKEKQKEKRRRAEEDLTFEEDDEMAAVMGFSGFGSTKKS

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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_144723.3](#)

RefSeq Size: 1512 bp

RefSeq ORF: 600 bp

Locus ID: 153527

UniProt ID: [Q96NC0](#)

Cytogenetics: 5q31.3

Protein Pathways: Spliceosome

Gene Summary: Involved in pre-mRNA splicing as a component of the spliceosome.[UniProtKB/Swiss-Prot Function]