

## Product datasheet for MR223932

### Setmar (NM\_178391) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Setmar (NM_178391) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Setmar
Synonyms:	5830404F24Rik; Etet2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR223932 representing NM_178391 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCTGCGGAAGGTGTGGAGAAGCTTTCTCTCGAGATAGCAGCATCTGAGGAGGAATCTGTAGCCCCGA  
CAGAACAACAAGATGTAGCGTGC GGCCCTGGAGA ACTTGCCTGTGAGCTTGTGGCCTTTGGGGCGGAGCC  
CAGGCCTAAACCTTTCCAGTATACTCCTGATCATGTTGCTGGACCTGGAGCAGACATTGACCCACACAA  
ATAACCTTCCCTGGATGTGCTTGCATCGAACTCCATGTGTCCCTGGCACTTGTCTTGTCTTCGCCATG  
AGAATAACTACGATGACAATTTATGCCTTAGGGATGTGGGATCCGAAGGAAAGTACGCCAAGCCAGTTTT  
TGAATGCAATGTTCTGTGCCAGTGTGGCATGCGCTGCAGAAATAGGGTGGTCCAGAATGGCTACACTTC  
CTTCTCCAGGTGTTCCAGACAGAGAAAAAGGCTGGGACTTCGGACTTTGGAATTTATACCCAAGGAA  
GATTTGTCTGTGAGTATGCTGGGAGGTGTTAGGATTCTCTGAAGTGCAAAGAAGAATTCACCTACAAAC  
ATCACATGACTCAAATTACATCATCGCTGTGAGAGAACACATTTACAGTGGACAGATCATGGAAACATTT  
GTCGACCTACCTACATAGGAAATATTGGGAGATTCTCAACCATTCTTGTGAACCAAATCTGTTGATGA  
TTCCTGTCCGAATTGACTCAATGGTACCAAGCTGGCACTTTTCGCAGCCAAAGATATTTGCCAGGAGA  
AGAACTCTTACGACTATTAGGAAGATTCTTAACCAAGTAAGTAGTAAAGACAAAGAAAAGATAGAC  
TGTAGCCACACGAAAGCCTTGTACTGTGGGCCCAGTCATGCACCACTTTCTGCCCTATGACAGTT  
CACTATATATGGCCCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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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\\_178391.4](#), [NP\\_848478.2](#)

**RefSeq Size:** 1617 bp

**RefSeq ORF:** 930 bp

**Locus ID:** 74729

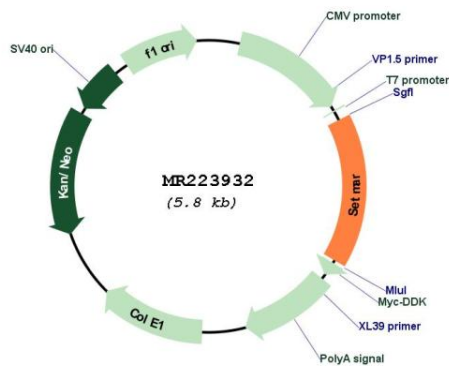
**UniProt ID:** [Q80UJ9](#)

**Cytogenetics:** 6 E1

**MW:** 34.9 kDa

**Gene Summary:** This gene encodes a histone-lysine N-methyltransferase that may be involved in the methylation of histone H3. In anthropoid primates this gene is a fusion gene of a SET histone-lysine N-methyltransferase and a mariner (MAR) family transposase. In all other species this gene contains only the SET domain. [provided by RefSeq, Jan 2013]

## Product images:



Circular map for MR223932