

Product datasheet for **MC211559**

Setmar (NM_178391) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Setmar (NM_178391) Mouse Untagged Clone
Tag: Tag Free
Symbol: Setmar
Synonyms: 5830404F24Rik; Etet2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211559 representing NM_178391
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCTGCGGAAGGTGTGGAGAAGCTTTCTCTCGAGATAGCAGCATCTGAGGAGGAATCTGTAGCCCCGA
CAGAACAAACAAGATGTAGCGTGGCCCTGGAGAACTTGCCTGTGAGCTTGTGGCCTTTGGGGCGGAGCC
CAGGCCTAAACCTTTCCAGTATACTCCTGATCATGTTGCTGGACCTGGAGCAGACATTGACCCACACAA
ATAACCTTCCCTGGATGTGCTTGCATCGAACTCCATGTGTCCCTGGCACTTGTCTTGTCTTCGCCATG
AGAATAACTACGATGACAATTTATGCCTTAGGGATGTGGGATCCGAAGGAAAGTACGCCAAGCCAGTTTT
TGAATGCAATGTTCTGTGCCAGTGTGGCATGCGCTGCAGAAATAGGGTGGTCCAGAAATGGCCTACACTTC
CTTCTCCAGGTGTTCCAGACAGAGAAAAAGGCTGGGGACTTCGGACTTTGGAATTTATACCCAAGGGAA
GATTTGTCTGTGAGTATGCTGGGGAGGTGTTAGGATTCTCTGAAGTGCAAAGAAGAATTCACCTACAAC
ATCAGTACTCAAATTACATCATCGTGTGAGAGAACACATTTACAGTGGACAGATCATGGAAACATTT
GTCGACCCTACCTACATAGGAAATATTGGGAGATTCTCAACCATCTTGTGAACCAAATCTGTTGATGA
TTCCTGTCCGAATTGACTCAATGGTACCCAAGCTGGCACTTTTCGCAGCCAAAGATATTTGCCAGGAGA
AGAACTCTTACGACTATTAGGAAAGATTCTTAACCAAGTAAGTAGTAAAGACAAAGAAAGATAGAC
TGTAGCCACCACGAAAGCCTTGTACTGTGGGGCCAGTCATGCACCACTTTCTGCCCTATGACAGTT
CACTATATATGGCCCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_178391
Insert Size: 930 bp



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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:	NM_178391.4 , NP_848478.2
RefSeq Size:	1617 bp
RefSeq ORF:	930 bp
Locus ID:	74729
UniProt ID:	Q80UJ9
Cytogenetics:	6 E1
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>