

Product datasheet for **MC224204**

Setdb1 (NM_001163641) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Setdb1 (NM_001163641) Mouse Untagged Clone
Tag: Tag Free
Symbol: Setdb1
Synonyms: AU022152; ESET; KMT1E; mKIAA0067
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224204 representing NM_001163641
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCCTCCCTCCCTGGGTGCATGAGTTGGCTGCAGCGCCAGCTGCAGCTGACTCTGCAGAGATTGCTG
 AGCTGCAGCAGGGGTGGTTGAAGAGCTGGGTATCTCTATGGAGAACTTCGTCAGTACATTGATGAGGA
 ACTGGAAAAGATGGACTGCATACAGCAGCGCAAGAAGCAGCTCGCAGAGCTGGAGACGTGGTACTACAG
 AAAGAGTCTGAAGTGGCTTATGTTGATCGGCTGTTTATGATGATGCATCCAGGGAAGTGAAGTAACTGTGAGT
 CTTTGGTGAAGGATTTCTACTCTAAGCTGGGACTACAGTATCATGACAGTAGCTCTGAGGATGAAGCTTC
 CCGGCCACAGAGATCATTGAGATTCTGATGAAGATGATGATGTCTCAGTATTGATTCAGGTGATGCT
 GGGAGCAGAACTCCAAAAGACCAGAAGCTTCGTGAAGCTATGGCTGCCTAAGAAAATCAGCTCAAGATG
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 CCTAATATGGGTGCTGTGAGGAGCAAAGTCTGTTGTTTCAGTATACACAGGATCTAACTGGTACTGGAA
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 CCCCCAAGCAGCTGACACTGAAAGCTTAGAAAAGCAACTTGCACAATCACGGAACAAGTAGCCAAGAAG
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ATGTGTCTGCTGGGAACTTGGGATAAACCAGACATATCGGTCACCTTTGGCCTCAGTAACATCTACCCC
 AGCATCTGCAGCCCTCCAGTCCCTCCAGTCCCACCAGGGCCTCAACCCTCCAGGGCCTCCAGTCTCT
 CCAGGGCCTCTAGCTCCTCCAGCCTTCCATGGCATGTTAGAGCGGGCACCAGCTGAGCCCTCTACCGAG
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 GCACGGCGCAGAGTTAACCGAAAATGGCTTTTCATGTAATCTATAAGACACCCTGTGGTCTCTGCCTTC
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 ACCTATGGCAAGGAAGATGTTCCCTGTCTGTGTTAATGAGATTGACACAACCTCCCCACCCAGGTGG
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 GTATCTGTAGGGGGTGAATCCACCTTCTCTGAAGAGACACCAAGAACAAGGTGGCCTCGTGGTTGA
 GTTGCAATAGTGTGAGTGAAGGTGGATTTGCTGACTCTGACAGCCGTTCTTCTTCAAGACTAGTGAAGG
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 GTCTGTGCTCCAGAGCCAGCGAGTTGTGACTTCTACTCAGTCAAACCCTGATGACATCCTGACACTGTCC
 AGCAGCACAGAGAGTGAAGGGGAAAGTGAACAGCCGAAAGCCCACTGCTGGTCACTTCAGCCACAG
 CTGTTGATAGTGATGACATCCAGACCATCTTCTGGCTCTGACGGTGTGACTTTGAGGACAAGAAGAA
 CTTGTCAGGACCAACAAAGCGCCAGGTGGCAGTAAATCAACCCGAGGCTTTGCTCTTAAATCAACCCAT
 GGTATTGCCATTAATCAACCAACATGGCTTCCGTGGACAAGGGGAGAGTGCACCAGTTCGTAAGAACA
 CACGCCAGTTCATGATGGTGAAGAGTCTTGTACATCATTGATGCCAACTTGAAGGCAACCTAGGCCG
 CTACCTCAATCACAGTTGCAGCCCAACCTGTTTGTCCAGAATGTGTTTGTGGATACCCATGATCTTCGC
 TTCCCTTGGGTGGCCTTCTTTGCCAGCAAGAGAATCCGGGCTGGAACAGAACTCACTTGGGACTACAACT
 ACGAAGTGGGCAGTGTGGAAGGCAAGGAGCTGCTGTGCTGCTGTGGGGCCATTGAATGCAGAGGGAGACT
 TCTTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001163641
- Insert Size:** 3927 bp
- 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:

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_001163641.1](#), [NP_001157113.1](#)

RefSeq Size: 4682 bp

RefSeq ORF: 3927 bp

Locus ID: 84505

Cytogenetics: 3 F2.1