

Product datasheet for **MC220665**

Setdb1 (BC079537) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Setdb1 (BC079537) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Setdb1
Synonyms:	ESET, mKIAA0067
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC079537
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTCCCTCCCTGGGTGCATGAGTTTGGCTGCAGCGCCAGCTGCAGTCTGCAGAGATTGCTG
 AGCTGCAGCAGGCGGTGGTTGAAGAGCTGGGTATCTCTATGGAGGAACCTCGTCAGTACATTGATGAGGA
 ACTGGAAGATGGACTGCATACAGCAGCGCAAGAAGCAGCTCGCAGAGCTGGAGACGTGGTACTACAG
 AAAGAGTCTGAAGTGGCTTATGTTGATCGGCTGTTTATGATGCATCCAGGGAAGTACTAACTGTGAGT
 CTTTGGTGAAGGATTTCTACTCTAAGCTGGGACTACAGTATCATGACAGTAGCTCTGAGGATGAAGCTTC
 CCGGCCACAGAGATCATTGAGATTCTGATGAAGATGATGATGCCTCAGTATTGATTCAGGTGATGCT
 GGGAGCAGAACTCAAAGACCAGAAGCTTCGTAAGCTATGGCTGCCTAAGAAAATCAGCTCAAGATG
 TCCAGAAGTTCATGGATGCTGTCAACAAGAAAAGCAGTTCTCAAGATCTACATAAAGGAACCTTGGGTCA
 GGTGCTGGGAACTGAGCAAAGATGGGACCTGATAGTCAGCATGCGGATTCTGGGCAAGAAGAGGACT
 AAGACATGGCACAAAGGCCACCTTATTGCCATCCAGACTGTTGGGCTAGGAAAAAATACAAAGTGAAT
 TTGACAACAAAGGAAAGAGTCTGCTATCTGGGAACCATATTGCCTATGATTACCACCTCCCGCTGACAA
 GCTGTTTGTGGCAGTCGAGTGGTGGCCAGTACAAAGATGGAATCAGGTCTGGCTTTATGCTGGCATT
 GTAGCTGAGACCCCTAACGTCAAGAACAAGCTCAGATTTTTAATTTTTTTTATGATGATGGCTATGCTTCT
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 CTCCTGCCGAGACTTCATAGAGGAATATCACTGCCTATCCAACCGCCCAATGGTACTTCTCAAGAGT
 GGGCAGCTTATCAAGACTGAGTGGGAAGGCACATGGTGGAAAGTCTCGAGTTGAAGAGTGGATGGCAGCC
 TAGTCAGGATCCTCTTTCTGGATGACAAAAGATGTGAGTGGATATATCGAGGCTCTACAGCCTGGAAC
 TATGTTTTAGTATGAAGACATCCTCAGCCTCTGCAATGGAGAAGAAGCAAGGGGGCAACTCAGAACCCT
 CCTAATATGGGTCTGTGAGGAGCAAAGTCTGTTGTTCAAGTATACACAGGATCTAACTGGTACTGGAA
 TCCAGTTAAGCCATGGAGCCCTACAGCCTATAGCTCCACCGGCCCACTTCTATACCTCCTCTTTC
 CCCCCAAGCAGCTGACTGACTTAGAAAGCAACTTGCACAATCACGAAACAAGTAGCCAAGAAGAGC
 ACATCATTCCGACCAGGATCTGTGGGCTCCGGCCATTCTCCCTACTTCATCCACTCAGTGAATG
 TGTCTGTGGGAACTTGGGATAAACCAGACATATCGGTCACCTTTGGCCTCAGTAACTACTACCCAGC
 ATCTGCAGCCCTCCAGTCCCTCCAGTCCACCGGGCCTCAACCCCTCCAGGGCTCCAGCTCCTCCA
 GGGCCTTAGCTCCTCCAGCCTCCATGGCATGTTAGAGCGGGCACCAGCTGAGCCCTCCTACCGAGCCC
 CCATGGAGAAGCTTTCTATTTACCTCATGTCTGCAGTTACACTTGTGTTCCCGGATCAGACCCATGAG
 AAACGAACAGTATCGGGCAAGAACCCTCTATTAGTTCACCTTCTGTATGACTTCCGGAGGATGACAGCA
 CGGCGCAGAGTTAACCGCAAAATGGGCTTTTATGTAATCTATAAGACACCTGTGGTCTCTGCCTTCGGA
 CGATGCAGGAGATAGAGCGCTACCTTTTGGAGACTGGCTGTGACTTTCTGTTCTGGAGATGTTCTGTT
 GGATCCATATGTTCTTGTGACAGAAAGTTTCAACCCCTTAAGCCTTTTACTATATTTGGACATCACC
 TATGGCAAGGAAGATGTTCCCTGTCTGTGTTAATGAGATTGACACAACCTCCCCACCCAGGTGGCCT
 ACAGCAAGGAACGCATTCCTGGCAAGGGTGTTCATTAACACAGGCCCTGAATTTCTGGTTGGCTGTGA
 CTGCAAGGATGGGTGTCGGGATAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: BC079537
 Insert Size: 2268 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:	<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>BC079537</u> , <u>AAH79537</u>
RefSeq Size:	5687 bp
RefSeq ORF:	2267 bp
Locus ID:	84505
Cytogenetics:	3 F2.1