

Product datasheet for **SC205152**

SETDB1 (NM_012432) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: SETDB1 (NM_012432) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: SETDB1
Synonyms: ESET; H3-K9-HMTase4; KG1T; KMT1E; TDRD21
ACCN: NM_012432
Insert Size: 403 bp
Insert Sequence: >SC205152 3'UTR clone of NM_012432

The sequence shown below is from the reference sequence of NM_012432. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCATTGAATGCAGAGGACGTCTTCTTTAGAGGACAGCCTTCTTCCCAACCCTTCTTGAAGTGTGTTTT
CCTCAGGAAGTGGGTCTTCTGATTGTTGAACCCGTGACCCGAAGTCTCTGGGCTAGCTACTCCCCCAG
CTCCTAGTTGATAGAAATGGGGTTCTGGACCAGATGATCCCTTCCAATGTGGTGTAGCAGGCAGGAT
CCCTTCTCCACCTCCAAAGGCCCTAAAGGGTGGGAGAGATCACCCTCTAACCTCGGCCTGACATCCC
TCCCATCCCATATTTGTCCAAGTGTCTGCTTCTAACAGACTTTGTTCTTAGAATGGAGCTGTGTAT
CTACTATCTCCAGTTTGTATTATTTCTGAAAGTCTTTTAAACAATATGATAAACTAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_012432.4](#)



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Summary: This gene encodes a histone methyltransferase which regulates histone methylation, gene silencing, and transcriptional repression. This gene has been identified as a target for treatment in Huntington Disease, given that gene silencing and transcription dysfunction likely play a role in the disease pathogenesis. Alternatively spliced transcript variants of this gene have been described.[provided by RefSeq, Jun 2011]

Locus ID: 9869

MW: 14.9