

Product datasheet for **SC205151**

SETDB1 (NM_001145415) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SETDB1 (NM_001145415) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SETDB1
Synonyms:	ESET; H3-K9-HMTase4; KG1T; KMT1E; TDRD21
ACCN:	NM_001145415
Insert Size:	403 bp
Insert Sequence:	>SC205151 3'UTR clone of NM_001145415 The sequence shown below is from the reference sequence of NM_001145415. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCCATTGAATGCAGAGGACGTCTTCTTTAGAGGACAGCCTTCTTCCCAACCCTTCTTGAAGTGTGTTT CCTCAGGAAGTGGGTCTTCTGATTGTTGAACCCTGACCCGAAGTCTCTGGGCTAGCTACTCCCCCAG CTCCTAGTTGATAGAAATGGGGTTCTGGACCAGATGATCCCTTCCAATGTGGTGTAGCAGGCAGGAT CCCTTCTCCACCTCCAAAGGCCCTAAAGGGTGGGAGAGATCACCCTTAACTCGGCCTGACATCCC TCCCATCCCATATTTGTCCAAGTGTCTGCTTAACTGACTTTGTTCTTAGAATGGAGCCTGTGTAT CTACTATCTCCAGTTTGTATTATTTCTTAAAGTCTTTTAAACAATATGATAAACTAA 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:	<u>NM_001145415.2</u>



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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