

Product datasheet for **SC200491**

SETD4 (NM_001007259) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SETD4 (NM_001007259) Human 3' UTR Clone
Symbol:	SETD4
Synonyms:	C21orf18; C21orf27
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001007259
Insert Size:	105 bp
Insert Sequence:	<p>>SC200491 3'UTR clone of NM_001007259</p> <p>The sequence shown below is from the reference sequence of NM_001007259. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC TCAAGAGGTTGGAATCAACTTTGTTCTTAACATTAACACTATATAATTTTTTCCCATTTGGAGATGT GTATTTTCAGTTTAAATAAAAAATATCAAAACCTAA ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
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_001007259.3


[View online »](#)

Summary:

Histone-lysine N-methyltransferase that acts as a regulator of cell proliferation, cell differentiation and inflammatory response (PubMed:31308046). Regulates the inflammatory response by mediating mono- and dimethylation of 'Lys-4' of histone H3 (H3K4me1 and H3K4me2, respectively), leading to activate the transcription of proinflammatory cytokines IL6 and TNF-alpha (By similarity). Also involved in the regulation of stem cell quiescence by catalyzing the trimethylation of 'Lys-20' of histone H4 (H4K20me3), thereby promoting heterochromatin formation (PubMed:31308046). Involved in proliferation, migration, paracrine and myogenic differentiation of bone marrow mesenchymal stem cells (BMSCs) (By similarity).[UniProtKB/Swiss-Prot Function]

Locus ID:

54093

MW:

4.1