

Product datasheet for **SC204532**

EHMT2/G9A (EHMT2) (NM_025256) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: EHMT2/G9A (EHMT2) (NM_025256) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: EHMT2
Synonyms: BAT8; C6orf30; G9A; GAT8; KMT1C; NG36
ACCN: NM_025256
Insert Size: 355 bp
Insert Sequence: >SC204532 3'UTR clone of NM_025256
The sequence shown below is from the reference sequence of NM_025256. 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
CTCGGCTCCCTGCCCCCTGTCAACACATGGAACGGACCACACCCTCTCTCCCAGCATGGATGGCCAC
AGCTCAGCCGCCTCCTCTGCCACCAGCTGCTCGCAGCCATGCCTGGGGGTGCTGCCATCTCTCTCCC
CACCACCCTTTCACACATTCTGACCAGAGATCCAGCCAGGCCCTGGAGGTCTGACAGCCCTCCCTC
CCAGAGCTGGTTCTCCCTGGGAGGGCAACTTCAGGGCTGGCCACCCCCCGTGTCTCCCATCCTCAGTT
GAAGTTTGATGAATTGAAGTCGGGCCTCTATGCCAACTGGTTCTTTTGTCTCAATAAATGTTGGGTT
TGGTAATAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_025256.7](#)



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Summary: This gene encodes a methyltransferase that methylates lysine residues of histone H3. Methylation of H3 at lysine 9 by this protein results in recruitment of additional epigenetic regulators and repression of transcription. This gene was initially thought to be two different genes, NG36 and G9a, adjacent to each other in the HLA locus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]

Locus ID: 10919

MW: 12.5