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Product datasheet for SC203263

EHMT1/GLP (EHMT1) (NM_001145527) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	EHMT1/GLP (EHMT1) (NM_001145527) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	EHMT1
Synonyms:	EHMT1-IT1; Eu-HMTase1; EUHMTASE1; FP13812; GLP; GLP1; KLEFS1; KMT1D
ACCN:	NM_001145527
Insert Size:	273 bp
Insert Sequence:	>SC203263 3'UTR clone of NM_001145527 The sequence shown below is from the reference sequence of NM_001145527. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AGCCCAAGGTCGAGGGGCTGCCTTTGGTGACTTATGGTGAGGACCTCGTGCTGTTCCCGAACACAGCCA GGAACCACGCCAAGAGGAAGATGCTCCAGCACAGCCTTGCTGTGGACCAGGCCGCCCACAGGGAGCAGG TCCATTCCTGGGGGCTGACTCCGCCTTTCAGAGAGGCGTGGCTCCATCTTCACAGCCTCGTAGCCTCTT AAAGGCCCAGCCTCAAAACCTCATTGGGGCCCCCAGCCCCGGTAAATAAATTGCATTCAGACCATA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_001145527.2

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Summary: The protein encoded by this gene is a histone methyltransferase that methylates the lysine-9 position of histone H3. This action marks the genomic region packaged with these methylated histones for transcriptional repression. This protein may be involved in the silencing of MYC- and E2F-responsive genes and therefore could play a role in the G0/G1 cell cycle transition. Defects in this gene are a cause of chromosome 9q subtelomeric deletion syndrome (9q- syndrome, also known as Kleefstra syndrome). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2017]

Locus ID: 79813

MW: 9.9