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Product datasheet for SC204245

KMT2B (NM_014727) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KMT2B (NM_014727) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KMT2B
Synonyms:	CXXC10; DYT28; HRX2; MLL1B; MLL2; MLL4; TRX2; WBP-7; WBP7
ACCN:	NM_014727
Insert Size:	351 bp
Insert Sequence:	>SC204245 3'UTR clone of NM_014727 The sequence shown below is from the reference sequence of NM_014727. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCCAAGCGCTGCCGTCGGTTCCTTAACTGAGGCCGTGGCTGCCCACCACGACCCCTCACACCTCCTGCT GCCGTCGCTGCCATCTTGCCCCTAGCCTGGGGGCTCCCTAGCCCCTCCCAGAGCATCTCACCCCCACCC TCATGTTCAGGGTGGATGTGGGCATGCAGGTGACAAGGGCCCTGCCTCCACCCCTCCAGCCCATCCAGC AATCGCCCCCTTTCTGCCCTGGGGGCCCAGGATGTAGATATTGTACAAAGGTTTCTAAATCCCTTCTTT TCTATGCACTTTTTTATTTAAGAGGTGGGGTCCCAGGTGGGAACCCCCCCACAATAAAGTCTGTCAATG TTTGGA 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_014727.3

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Summary: This gene encodes a protein which contains multiple domains including a CXXC zinc finger, three PHD zinc fingers, two FY-rich domains, and a SET (suppressor of variegation, enhancer of zeste, and trithorax) domain. The SET domain is a conserved C-terminal domain that characterizes proteins of the MLL (mixed-lineage leukemia) family. This gene is ubiquitously expressed in adult tissues. It is also amplified in solid tumor cell lines, and may be involved in human cancer. Two alternatively spliced transcript variants encoding distinct isoforms have been reported for this gene, however, the full length nature of the shorter transcript is not known. [provided by RefSeq, Jul 2008]

Locus ID: 9757

MW: 12.6