

## Product datasheet for **SC214442**

### **EVI1 (MECOM) (NM\_001163999) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	EVI1 (MECOM) (NM_001163999) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MECOM
Synonyms:	AML1-EVI-1; EVI1; KMT8E; MDS1; MDS1-EVI1; PRDM3; RUSAT2
ACCN:	NM_001163999
Insert Size:	1432 bp



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**Insert Sequence:** >SC214442 3'UTR clone of NM\_001163999  
 The sequence shown below is from the reference sequence of NM\_001163999. 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
AGTGCTATCCAGTCCATAAGCCACGTATGACGTTATCAAGTTGACCAGAGTGGGACCAAGTCCAACAG
TAGCATGGCTCTTTCATATAGGACTATTTACAAGACTGCTGAGCAGAATGCCTTATAAACCTGCAGGGT
CACTCATCTAAAGTCTAGTGACCTAAACTGAATGATTTAAAAAAGAAAAGAAAAGAAAAGAACTAT
TTATTCTCGATATTTGTTTTGCACAGCAAAGGCAGCTGCTGACTTCTGGAAGATCAATCAATGCGACT
TAAAGTGATTCAGTGAACAACAAAACTTGGTGGGCTGAAGGCATCTCCAGTTTACCCACCTTAGGG
TATGGGTGGGTGAGAAGGGCAGTTGAGATGGCAGCATTGATATGAATGAACACTCCATAGAACTGAAT
TCTCTTTTGTACAAGATCACCTGACATGATTGGGAACAGTTGCTTTTAATTACAGATTTAATTTTTTTC
TTCGTTAAAGTTTTATGTAATTTAACCCCTTGAAGACAGAAGTAGTTGGATGAAATGCACAGTCAATTA
TTATAGAAACTGATAACAGGGAGTACTTGTCCCCCTTTTGCCTTCTTAAGTACATTGTTTAAAACCTAG
GGAAAAAGGGTATGTGTATATTGTAACACTATGGATGTTAACACTCAAAGAGGTTAAGTCAGTGAAGTAA
CCTATTCATCACCAGTACCGCTGTACCTAATAAATTGTTTGCCAAATCCTTGTAAACATCTTAAT
TTAGACAATCATGTCAGTGTGTTTTAATGTTTATTTTTTGTGTGTGTTGCGTGTATCATGTATTTATT
TGTTGGCAAACTATTGTTGTTGATTAATAAGCACTGTTCCAGTCAGCCACTACTTTATGACGCTGA
GGCACACCCCTTCCGAATTTCAAGGACCAAGGTGACCCGACCTGTGTATGAGAGTGCCAAATGGTGTT
TGGCTTTTCTTAACATTCCTTTTGTGTTGTTGTTTGTGTTTCTTCTTAATGAACATAAATACGAATAG
ATGCAACTTAGTTTTTGTAACTGAAATCGAATCAATTGTATAAACGATTATAATTTCTTTCATGGAA
GCATGATTCCTTCTGATTAATAAACTGACTCCATATTTTATGCTGGTTGCTGCAAGCTTGTGCGATGTT
ATGTTTCATGTTAATCCTATTTGTAATAAAGTGTCCCAACCTTATGTTAAAAGAGAGAAGTAAATAA
CAGACTGTATTCAGTTATTTGCCCTTTATTGAGGAACCAGATTGTTTTCTTTTGTGTTAATCTCA
TTTTGAAATAATCAGCAAGTTGAGGTACTTTCTTCAAATGCTTTGTACAATATAAACTGTTATGCCCTT
CAGTGCATTACTATGGGAGGAGCAACTAAAAATAAAGACTTACAAAAAGGA
ACGCGTAAAGCGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
  
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**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\\_001163999.2](#)

**Summary:** The protein encoded by this gene is a transcriptional regulator and oncoprotein that may be involved in hematopoiesis, apoptosis, development, and cell differentiation and proliferation. The encoded protein can interact with CTBP1, SMAD3, CREBBP, KAT2B, MAPK8, and MAPK9. This gene can undergo translocation with the AML1 gene, resulting in overexpression of this gene and the onset of leukemia. Several transcript variants encoding a few different isoforms have been found for this gene. [provided by RefSeq, Mar 2011]

**Locus ID:** 2122

MW: 55.5