

Product datasheet for **SC214700**

SUV39H1 (NM_003173) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SUV39H1 (NM_003173) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SUV39H1
Synonyms:	H3-K9-HMTase 1; KMT1A; MG44; SUV39H
ACCN:	NM_003173
Insert Size:	1476 bp



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Insert Sequence:	<p>>SC214700 3'UTR clone of NM_003173 The sequence shown below is from the reference sequence of NM_003173. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ACTGAGTCTGCGCAAATACCTCTTCTAGCCCTTAGAAGTCTGAGGCCAGACTGACTGAGGGGGCCTG AAGCTACATGCACCTCCCCACTGCTGCCTCCTGTGAGAATGACTGCCAGGGCCTCGCCTGCCTCCA CCTGCCCCACCTGCTCTACCTGCTCTACGTTCAGGGCTGTGGCCGTGGTGAGGACCGACTCCAGGAG TCCCTTTCCCTGTCCCAGCCCCATCTGTGGGTTGCACTTACAAACCCCCACCCACCTTCAGAAATAGT TTTTCAACATCAAGACTCTCTGTCGTTGGGATTTCATGGCCTATTAAGGAGGTCCAAGGGGTGAGTCCCA ACCCAGCCCCAGAATATATTTGTTTTTGCACCTGCTTCTGCCTGGAGATTGAGGGGTCTGCTGCAGGCC TCCTCCCTGCTGCCCCAAGGTATGGGGAAGCAACCCAGAGCAGGCAGACATCAGAGGCCAGAGTGCC TAGCCCGACATGAAGCTGGTTCCCAACCACAGAACTTTGTAAGTGAAGAAAGGGGGTCCCTGGG CTACGGGCTGAGGCTGGTTTCTGCTCGTCTTACAGTGTGGGTAGTGTGGCCCTAAGAGCTGTAGGG TCTCTTCTCAGGGCTGCATATCTGAGAAGTGGATGCCACATGCCACTGGAAGGGAAGTGGGTGTCCA TGGGCCACTGAGCAGTGAGAGGAAGGCAGTGAGAGCTGGCCAGCCCTGGAGGTAGGCTGGGACCAAGC TCTGCCTTACAGTGCAGTGAAGGTACCTAGGGCTCTTGGGAGCTCTGCGGTTGCTAGGGGCCCTGACC TGGGGTGTGATGACCGCTGACACCACTCAGAGCTGGAACCAAGATCTAGATAGTCCGTAGATAGCACTT AGGACAAGAAATGTGCAATGATGGGGTGGTATGAGGTGCCAGGCAGTGGGTAGAGCACCTGGTCCACGT GGATTGTCTCAGGGAAGCCTTGAACACCGGAGGTGGATGCCAGGAAAGGGCCCATGTGGCAGAAGGC AAAGTACAGGCCAAGAATTGGGGTGGGGGAGATGGCTTCCCCACTATGGGATGACGAGGCGAGAGGGA AGCCCTTGTGCTGCCATTCCCAGACCCAGCCCTTTGTGCTACCCTGGTTCCACTGGTCTCAAAG TCACCTGCCTACAAATGTACAAAAGGCGAAGGTTCTGATGGCTGCCTTGCTCCTTGCTCCCCACCCCC TGTGAGGACTTCTTAGGAAGTCTTCTGACTACCTGTGCCAGAGTGCCCTACATGAGACTGTATG CCCTGCTATCAGATGCCAGATCTATGTGTCTGTGTGTCCATCCCGCCGGCCCCCAGACTAACCT CCAGGCATGGACTGAATCTGGTTCTCTTGTACACCCCTCAACCTATGCAGCCTGGAGTGGGCATC AATAAAATGAACTGTCGACTGAACAAA ACGCGTAAGCGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</pre>
Restriction Sites:	Sgfl-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_003173.4
Summary:	This gene encodes an evolutionarily-conserved protein containing an N-terminal chromodomain and a C-terminal SET domain. The encoded protein is a histone methyltransferase that trimethylates lysine 9 of histone H3, which results in transcriptional gene silencing. Loss of function of this gene disrupts heterochromatin formation and may cause chromosome instability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]

Locus ID: 6839

MW: 53.4