

Product datasheet for **SC213894**

RUNX1T1 (NM_175636) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RUNX1T1 (NM_175636) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RUNX1T1
Synonyms:	AML1-MTG8; AML1T1; CBFA2T1; CDR; ETO; MTG8; ZMYND2
ACCN:	NM_175636
Insert Size:	2000 bp



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Insert Sequence: >SC213894 3'UTR clone of NM_175636
 The sequence shown below is from the reference sequence of NM_175636. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CCTTCCACCATAGAGACAACCCCTCGCTAGACGTGAACTCAGAAGTGTGGAGGAAAGACAACAACC
AACCGGAAACCAATTCCTCATCCTCAGATGCTCAAAGTTGTTTTTTTGTGTTGTTTATTAGATGA
ATTATCTATTTTCAGTACTTCAGCAAGAGAGAACCTAACTGTATCTTGAGGTGGTAGTAAAAACACAGAG
GGCCAGTAACGGGTGCTAATGACTTATTGTGGATAACAAAGATATCTTTTCTTTAGAGAAGTAAAAAGA
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AGCAAAAAATGCTAATATTAAGTCAATGTTCTTTATATAACAATAATGGAAAAAAAAAAGAGGAA
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GTTGCTAACTGAACTTTGAAGACCCGCTACAAAACGCGCAGATGTGCAGCAGATTGGAAGGAGACACAG
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ATGATTTGCAATGGGATGTATGAATACAGCAGCAAGAAAAAAAAATGCCATAATACAAAAGGCTCCATA
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GTTTAAGTATTTCTAATTTTACAAAAGTAAAAATCATTAGAGCTCCAAATGCTGAGGTGTAGATTGACA
GCTTTAACTGCTGAATGCCAGGTTATACAGTATTCTTACAAAAGGGAAGTCAGCCAAAGACTGATC
TGATGGACCAAAATCGGAATTTTAAAAGCACCAGTACTACTTTCCAAATGATCAGCAGGTTAAACATG
TTCAGCAAGGTATAGTATGAATCCATTAACCCCTCGTTGTCCAGGGTCCAGACCAGAACTACTTGTTA
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_175636.2](#)

Summary:

This gene encodes a member of the myeloid translocation gene family which interact with DNA-bound transcription factors and recruit a range of corepressors to facilitate transcriptional repression. The t(8;21)(q22;q22) translocation is one of the most frequent karyotypic abnormalities in acute myeloid leukemia. The translocation produces a chimeric gene made up of the 5'-region of the runt-related transcription factor 1 gene fused to the 3'-region of this gene. The chimeric protein is thought to associate with the nuclear corepressor/histone deacetylase complex to block hematopoietic differentiation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2010]

Locus ID:

862

MW:

79.9