

Product datasheet for **SC103441**

AF10 (MLLT10) (BC032532) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AF10 (MLLT10) (BC032532) Human Untagged Clone
Tag:	Tag Free
Symbol:	MLLT10
Synonyms:	AF10
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for BC032532, the custom clone sequence may differ by one or more nucleotides

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CCACGCGTCCGCGCGCACGCAGGGCTAGCCTCGCCAGGCCTCCTCCCTCACGCCGGCCGACGGACGGGC
GCGCACGCCAAGTGACGCTCCGAGGAGGAAGCGCAGCCCCCTCCCTCCCTCGCTGCCCTGGCCCAGC
GGGAGCCCCCTCCCCCAGTGCCTGTGCGGAGGCCCTTTGATTATGTGTGCCCTCCGGGCGCC
CGCGTTAGCGGCCGGGTGGAGGTGGGGAGGAAGACGCTGAGGAGGAGGAGGCGGAGGAGCGGTGG
AGGGGAGGTGGGGGAATCAGCAAGGACATGGCTCCTGACTCCTGTGCGGAACGTGAGTGACTGAGCGGC
AAAGCCCGAATGGTCTCTAGCGACCGGCCCGTGTCACTGGAGGACGAGGTCTCCCATAGTATGAAGGAGA
TGATTGGAGGCTGTTGCGTTTGCTCAGACGAGAGAGGCTGGGCCGAGAACCCGCTGGTTTATTGCGACGG
GCACGGCTGCAGCGTCCGCGGTGCATCAAGCTTGCTATGGCATTGTTCAAGTACCCACTGGACCGTGGTTT
TGCAGGAAATGTGAATCTCAGGAGAGAGCAGCCAGAGTGATGGTATGCAATTCCTGTTGGTTAGCCTCAT
CTGAAAACGTCACTCCTGGATACATAGAACATCACTGCGCATGTGCATCTCCCCACCCCGATGCCTGGT
GTCTAACGTTCCCTCAGTTTCTGGTGCTCTGATGCATTGCTTTTGGGCTTGCTTACTACAGCAGCTTTC
TTCGGTCTCAGTCATTTACCACTTGTCATATGTCCTTTCTAGTTTCCAGGGATATCTTTTTTATATTT
ATGGCTTTATGCCATTTATCTCAGTTGTCATTTGGCGTTTCAAGAAGGAGAGGTGGTGTGTTAAGTGG
AATTAACACTTTGTGTTTCTGATGTGGTCTTTTATATTTCTTACAGGGTTTTGTTTTACCAAGTACTAGT
CTTCAGTCTATCCTGTTTACTTGATTTTTTCCCACTCAACTCACAAACATTTTTGAATCATCTCATGAAT
TCTGCTTCCATTTACATTTTTGCCCTTTTGTCTTTTCTCCTTCGCTGTTAAACTTCTGAAAAATAAA
ACTAGTTGATTCACTTCTAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC032532 unedited CGCGAATTCGGCACGAGGCGAGGAGGAAGCGCAGCCCCCTTCCCCTCCCTCGCTGCCCT GGCCCAGCGGGAGCCCCCTCCCCCAGTGCGCTGTGCGGAGGCCCTTTGATTATGT GTGCCCTCTCCGGGCGCCCGCTTAGCGGCCGGTGGAGTGGGGAGGGAAGACGCTGAG GAGGAGGAGGAGCGGAGGAGGCGGTGGAGGGAGGTGGGGGAATCAGCAAGGACATGG CTCCTGACTCCTGTGCGAACGTGAGTGACTGAGCGGCAAAGCCGAATGGTCTCTAGCG ACCGCCCGTGTCACTGGAGGACGAGTCTCCCATAGTATGAAGGAGATGATTGGAGGCT GTTGCGTTTGCTCAGACGAGAGAGGCTGGGCCGAGAACCCGCTGGTTTATTGCGACGGGC ACGGCTGCAGCGTCGCGGTGCATCAAGCTTGTATGGCATTGTTCAAGTACCCACTGGAC CGTGGTTTTGCAGGAAATGTGAATCTCAGGAGAGAGCAGCCAGAGTGAGATGTGAACCTT GTCCCCATAAGGATGGAGCTNTAAAAAGAACAGATAATGGGGGGTGGGCCCATGTGGTT TGTGCCCTGTTTATCCAGAGGACAATTTGCCAATGTTCCACAATGGGACCAATTTGT TTACAGTGCTGTCCGCATGATCGTTATAATAAGACCTGTACATTTGGGATGAACAAGG GAAGAAAAGCCANACCAGGCACTGGTGCCTTGGGTGACTTGTGATAAACATGGGATGGGG GCGGGCTTTGCCTGTAACATGCGCTCAGTTTGCCGGACTGCTTTGGGAAGAAGACGGTGA GGGGCCGATAATGGTGCATACTGGGGCTACTGGAAATCCAT
Restriction Sites:	NotI-NotI
ACCN:	BC032532
Insert Size:	5000 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC032532.1
RefSeq Size:	1153 bp
RefSeq ORF:	1153 bp
Locus ID:	8028
Cytogenetics:	10p12.31
Domains:	PHD
Protein Families:	Druggable Genome, Transcription Factors

Gene Summary:

This gene encodes a transcription factor and has been identified as a partner gene involved in several chromosomal rearrangements resulting in various leukemias. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2010]