

Product datasheet for **SC329458**

AF10 (MLLT10) (NM_001195630) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: AF10 (MLLT10) (NM_001195630) Human Untagged Clone
Tag: Tag Free
Symbol: AF10
Synonyms: AF10
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC329458 representing NM_001195630.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGTCTCTAGCGACCGGCCGTCCTGCTGAGGACGAGGTCTCCCATAGTATGAAGGAGATGATTGGA
 GGCTGTTGCGTTTGCTCAGACGAGAGAGGCTGGGCCGAGAACCCGCTGGTTTATTGCGACGGGCACGGC
 TGCAGCGTCGCGGTGCATCAAGCTTGCTATGGCATTGTTCAAGTACCCACTGGACCGTGGTTTGCAGG
 AAATGTGAATCTCAGGAGAGAGCAGCCAGAGTGATGGTATGCAATTCCTGTTGGTTAGCCTCATCTGAA
 AACGTCCTCCTGGATACATAGAACATCACTGCGCATGTGCATCTCCCCACCCCGATGCCTGGTGTCT
 AACGTTCTCCAGTTTCTGGTGTCTGATGCATTGCTTTTGGGCTGTCTTACTACAGCAGCTTTCTTC
 GGTCTCAGTCATTTACCACTTGTGCATATGTCCTTTCTAGTTTCCAGGGATATTCTTTTTATATTTAT
 GGCTTTATGCCATTTATCTCAGTTGTCATTTGGCGTTTCAAGAAGGAGAGGTGGTAG

Restriction Sites: SgfI-MluI

ACCN: NM_001195630

Insert Size: 540 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).


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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:	<u>NM_001195630.1</u>
RefSeq Size:	1148 bp
RefSeq ORF:	540 bp
Locus ID:	8028
UniProt ID:	<u>P55197</u>
Cytogenetics:	10p12.31
Protein Families:	Druggable Genome, Transcription Factors
MW:	20 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (5) has multiple differences in the coding region, compared to variant 1, one of which results in a translational frameshift and early stop codon. The resulting protein (isoform e) has a distinct C-terminus and is shorter than isoform a. Variants 5, 6, and 7 all encode the same isoform (e).</p>