

Product datasheet for **MC219265**

Runx1t1 (NM_001111026) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Runx1t1 (NM_001111026) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Runx1t1
Synonyms:	Cbfa2t1h; ETO; MTG8
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Reconstitution Method:

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: [NM_001111026.2](#), [NP_001104496.1](#)

RefSeq Size: 7324 bp

RefSeq ORF: 1755 bp

Locus ID: 12395

Cytogenetics: 4 5.88 cM

Gene Summary: Transcriptional corepressor which facilitates transcriptional repression via its association with DNA-binding transcription factors and recruitment of other corepressors and histone-modifying enzymes. Can repress the expression of MMP7 in a ZBTB33-dependent manner. Can repress transactivation mediated by TCF12 (By similarity). Acts as a negative regulator of adipogenesis (PubMed:23527555).[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) differs in the 5' UTR and the 5' coding region and initiates translation at an alternate start codon, compared to variant 1. It encodes isoform 2, which has a shorter and distinct N-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The extent of this transcript is supported by transcript alignments.