

Product datasheet for **MC216249**

Runx1 (NM_001111021) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Runx1 (NM_001111021) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Runx1
Synonyms:	AML1; CBF-alpha-2; Cbfa2; Pebp2a2; Pebpa2b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NM_001111021.1
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTCAGACAGCATTTTTGAGTCATTTCTTCATATCCACAGTGCTTCATGAGAGATGCCAGCACGA
 GCCGCCGCTTCACGCCGCTTCCACCGCTGAGCCCCGCAAGATGAGCGAGGCCGCTGCCGCTGGGCGC
 CCCGGATGGCGCGCCGCTTGGCCAGCAAGCTGAGGAGCGCGACCGCAGCATGGTGGAGTACTAGT
 GACCACCTGGCGAGCTAGTGCGCACCGACAGCCCAACTTCTCTGCTCCGTGCTACCCACTACTGGC
 GCTGCAACAAGACCTGCCATCGCTTTCAAGTGGTGGCACTGGGGACGTCCCGGATGGCACTCTGGT
 CACCGTCATGGCAGGCAACGATGAAAATACTCGGCAGAACTGAGAAATGCTACCGCGGCCATGAAGAAC
 CAGGTAGCGAGATTCAACGACCTCAGGTTTGTGGGGCGGAGCGGTAGAGGCAAGAGCTTCACTCTGACCA
 TCACCGCTTTACAAATCCGCCACAAGTTGCCACCTACCATAGAGCCATCAAAATCACAGTGGACGGCCC
 CCGAGAACCCGAAGACATCGGCAGAACTAGATGATCAGACCAAGCCCCGGGAGTTTGTCTTTTCCGAG
 CGGCTCAGTGAATTGGAGCAGCTGCGGGCAGCGCCATGAGGGTACAGCCGCACCCAGCCCGCCACGC
 CCAACCTCGGGCCTCCTGAACCACTCCACTGCCTTAAACCCTCAGCCTCAAAGTCAGATGCAGGATGC
 CAGGCAGATCCAGCCATCCCCACCGTGGTCTATGACCAGTCTACCACTACCTGGGATCCATCACCTCT
 TCCTCTGTCCACCCAGCGACACCCATTTACCCGGCCGTGCCAGCGGCATGACCAGCCTCTCTGCAGAAC
 TTTCCAGTCGACTCTCAACGGCTCCGGACCTGACCGCCTTCGGCGACCCACGCCAGTTCCCTACTCTGCC
 GTCCATCTCCGACCCGCGCATGCACTACCCAGGCGCCTCACCTACTCGCCGCCCGTACGTCGGGCATC
 GGCATCGGCATGTCAGCCATGAGCTCGGCTCTCGTACCACACCTACCTGCCCGCCCTACCCCGGCT
 CATCACAGGCGCAGGCCGGCCCTTCCAGACCGGCTCGCCTCCTACCATCTATACTACGGCGCCTCGGC
 CGGTTCTTACCAGTTCTCCATGGTGGGGGAGAGAGATCGCCCCGCGCATCCTGCCGCCCTGCACCAAC
 GCATCCACCGGCCCGCGCTGCTCAACCCAGCCTCCCCAGCCAGAGCGACGTGGTGGAGACCGAGGGCA
 GCCATAGCAACTCGCCACCAACATGCCCCCGCGCGCCTGGAGGAGCCGTGTGGCGGCCCTACTGA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1441_g05.zip

Restriction Sites: SgfI-MluI

ACCN: NM_001111021

Insert Size: 1398 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:

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_001111021.1](#), [NP_001104491.1](#)

RefSeq Size: 5795 bp

RefSeq ORF: 1398 bp

Locus ID: 12394

Cytogenetics: 16 53.7 cM