

Product datasheet for MC208222

Runx3 (NM_019732) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Runx3 (NM_019732) Mouse Untagged Clone
Tag: Tag Free
Symbol: Runx3
Synonyms: AML2; Cbfa3; Pebp2a3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208222 representing NM_019732
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTCCAACAGCATCTTTGACTCCTTCCCAACTATACACCAACCTTCATACGAGACCCGAGCACCA
 GCCGCCGCTTCACTCCCCCTCCAGGCCCTTCCCTGCGGCGGCGGCGGCGGCGGCAAGATGGGCGAGAA
 CAGCGGCGCGCTAAGCGCGCAGGCAACCGCGGGCCCCGCGGCGCCACCCGGCCCGAAGTGCCTCGATG
 GTGGACGTGCTGGCCGACCACGCGGGAGAGCTCGTGCGCACCCGACAGCCCAACTTCTCTGCTCGGTGC
 TGCCCTCGCACTGGCGCTGCAACAAGACGCTGCCGGTTCGCTTCAAGGTGGTGGCCCTGGGGATGTGCC
 GGATGGAACGGTGGTACCGTGATGGCCGGCAATGATGAGAATACTCCGCCGAGCTGCGCAACGCTTCC
 GCTGTCATGAAGAACCAAGTGGCCAGGTTCAACGACCTTCGATTCGTGGGCCGAGTGGGCGAGGGAAGA
 GTTTCACGCTCACAATCACCGTGTTCACCAACCTACCCAAGTGGCTACCTACCACCGAGCCATCAAGGT
 CACTGTGGATGGACCCCGGGAACCCGACGGCACCCGCGAGAAGATAGAAGACCAGACCAAGGCCCTCCCC
 GACCGCTTTGGAGACCTGCGCATGCGTGTAAACACCAAGCACACCCAGCCCCGTGGCTCTCTCAGCACCA
 CGAGCCACTTCAGCAGCCAGGCCAGACCCCAATCCAAGGCTCCTCAGACCTGAACCCCTTCTCCGACCC
 CCGCCAGTTTGACCGCTCCTTCCCTACGCTGCAGAGCCTCACAGAGAGCCGCTTCCCGGACCCAGGATG
 CACTACCCGGGAGCCATGTCTGCCGCTTCCCTACAGCGCCACACCATCGGGCACCCAGCCTGGGCAGCC
 TGAGCGTGGCGGCATGCCGGCCAGCAGCCGCTTCCACCACACTACCTCCCTCCGCCCTACCCCGGGGC
 CCCACAGAGCCAGAGCGGCCCTTTCAGGCCAACCCCGCGCCCTACCACCTCTTTTACGGCGCCTCCTCC
 GGCTCCTACCAGTTCTCCATGGCAGCCGCGGGAGGTGGTGAAGCGCTCGCCACCCGATGCTGACCTCCT
 GCCCAGCGGCGCTTCGGTGTGAGCAGGCAACCTCATGAACCCAGCCTGGGCCAGGCTGATGGCGTGGA
 AGCCGACGGCAGCCACAGCAACTCGCCACGGCCCTGAGCACGCCGGCCGATGGACGAGGCCGTGTGG
 CGGCCCTACT**AA**

ACGGCTACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites: Sgfl-Mlul

ACCN: NM_019732

Insert Size: 1272 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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_019732.2](#), [NP_062706.2](#)

RefSeq Size: 3891 bp

RefSeq ORF: 1272 bp

Locus ID: 12399

Cytogenetics: 4 67.19 cM