

Product datasheet for **RN216824**

Runx2 (NM_001278484) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Runx2 (NM_001278484) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Runx2
Synonyms:	Cbfa1; OSF-2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN216824 representing NM_001278484
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGTATTCCTGTAGATCCGAGCACCAGCCGGCGCTTCAGCCCCCTCCAGCAGCCTGCAGCCCGCA
 AGATGAGCGACGTGAGCCGGTAGTGGCTGCTCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCA
 GCAACAGCAGCAACAGCAGCAGCAGCAGCAACAGCAGCAGCAGCAGCAGGAGGCCGCGCAGCA
 GCAGCAGCGCAGCGCGCGGCAGCAGCGCGCAGCCGTGCCCGGTTGAGGCCCGCAGCACAACC
 GCACCATGGTGGAGATCATCGCGGACCACCCGGCCGAACGGTCCGCACCGACAGCCCCAACTTCTGTG
 CTCCTGTGCTGCCCTCGCACTGGCGGTGCAACAAGACCCTGCCCGTGGCCTCAAGGTTGTAGCCCTCGA
 GAGGTACCGATGGGACCGTGGTTACCGTCATGGCCGGGAATGATGAGAACTACTCTGCCGAGCTACGAA
 ATGCCTCTGCTGTATGAAAAACCAAGTGGCCAGGTTCAACGATCTGAGATTTGTAGGCCGAGCGGACG
 AGGCAAGAGTTTCACTTTGACCATAACGGTCTTCACAAATCCTCCCAAGTGGCCACTTACCACAGAGCT
 ATTAAGTGACAGTGGACGGTCCCGGGAACCAAGAAGGCACAGACAGAAGCTTGATGACTCTAAACCTA
 GTTTGTTCTCTGACCGCCTCAGTGATTTAGGGCGCATTCTCATCCAGTATGAGAGTAGGTGTCCCGCC
 TCAGAACCACGGCCCTCCCTGAACTCAGCACCAAGTCTTTTAAATCCACAAGGACAGAGTCAAGTATACA
 GATCCCAGGCAGACACAATCCTCCACCGTGGTCTATGACCAGTCTTACCCCTCTTATCTGAGCCAGA
 TGACGTCCCCATCCATCCATTCCACCACGCCGTGTCTTCCACACGGGGCACTGGGCTGCCAGCCATCAC
 CGAGTACCCAGGCGTATTTAGATGATGACTGCCACCTCTGACTTCTGCCTTGGCCTTCTCTCTC
 AGTAAGAAGAGCCAGGCGGTTCAGAACTGGGCCCTTTTTCAGACCCAGGCAGTCCCAGGCATTT
 CATCCCTCACTGAGAGCCGCTTCTCAACCCACGAATGCACTATCCAGCCACCTTCACTACACCCGCC
 AGTCACGTACAGGATGTCCCTGGGCATGTCCCGCCACCACACTCACTACCACACGTACCTGCCACCCTAC
 CCCGGCTCTTCCCAAAGCCAGAGCGGACCTTCCAGACCAGCAGCACTCCATATCTACTATGGTACTT
 CGTCAGCGTCTATCAGTTCCTAATGGTCCCGGGGAGACCGGTCTCTTCCAGGATGGTCCCACCGTG
 CACGACCCTCGAATGGCAGCAGCTATTAATCCAAATTTGCCTAACCAAGATGATGGTGTGACGCT
 GATGGAAGCCACAGCAGTCCCCAACCGTTTTGAATTCTAGCGGCAGAATGGATGAGTCTGTCTGGCGAC
 CCTAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001278484

Insert Size: 1548 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001278484.2](#), [NP_001265413.1](#)

RefSeq Size: 5405 bp

RefSeq ORF: 1548 bp

Locus ID: 367218

Cytogenetics: 9q13