

Product datasheet for **RN214449**

Runx1t1 (NM_001108657) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Runx1t1 (NM_001108657) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Runx1t1
Synonyms:	Cbfa2t1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214449 representing NM_001108657
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTGATCGTACCGAGAAGCACTCCACGATGCCAGACTCACCTGTGGATGTGAAGACGCAGTCTAGGC
 TGACTCCCCAGCAATGCCGCTCCTCCGACCCTCAAGGAGCCCGAGAACCAGTTCGTTTACGCCAAC
 GACATTAACGAATGGCACCAGCCATTACCCACGGCCTTGAATGGCGCCCTCACCGCCTAATGGCTTT
 AGCAACGGGCTTCTCTTCTCTTCTCTTCTGGCTAATCAACAGCTGCCCCAGCCTGTGGTGCTA
 GACAAGTGAAGCGATTTTACTACCCTGCAGCAGTTTGGCAATGACATTTACCAGAGAT
 TGGAGAAAGATTGCACTCTTGTACTAGGACTGGTGAACCTACTTTGACAATTGAAGAATTTCTTCC
 AAATTCAAGAAGCTACTAACTCCCACTGAGACCTTTTGTATCCCGTTTTTGAAGGCCAACCTGCCCC
 TGCTACAGCGTGAACCTCCACTGCGCAAGGCTAGCCAAACAGAACCCCTGCCAGTACCTCGCTCAGCA
 CGAACAGCTGCTTCTGGATGCCAGCACCTCCCTGTGACTCCTCAGAGCTGCTTCTCGATGTGAAC
 GAAAACGGGAAGAGGCGAACTCCAGACAGAACAAAGAAAATGGCTTTGACAGAGAGCCTTTGCACTCAG
 AACATCCAAGCAAGCGACCATGCACTATTAGCCAGGCCAGCGGTACAGTCCAAATAATGGCTTATCCTA
 CCAGCCAAATGGCCTGCCTCACCCACCCACCTCCACCTCAGCATTACCGTTTGGATGATATGGCCATT
 GCCCACCCTACAGGGACTCCTATCGACACCCAGCCACAGGGACCTCAGGGACAGAAAATAGACCTATGG
 GGTTACATGGCACACGTCAAGAAGAAATGATTGACCACAGACTAACAGACAGAGAATGGCAGAAAGAGTG
 GAAGCATCTCGATCATCTGTTAACTGCATAATGGACATGGTAGAGAAGACGAGGCGATCCCTCACTGTA
 CTAAGCAGATGTCAGGAAGCAGACCCGGGAAGAACTGAATTACTGGATCCGGAGGTACAGTGTGAGG
 ACTTGAAAAAGGGCGGACGCGGTAGCAGCAGCCACTCCAGGCAACAGAGCCCGTCAATCCGGACCCAGT
 CGCATTAGATGCACATCGGGAATTCCTTACAGGCCTGCGTCTGGATACGTGCCAGAGGAGATCTGGAAG
 AAAGCTGAGGAGGCTGTGAATGAGGTGAAGCGACAGGCAATGACGGAGCTGCAGAAAGCCGTGTCTGAAG
 CCGAGAGGAAAGCCATGACATGATCACACAGAGCGAGCCAAAATGGAACGCACGGTGGCTGAAGCCAA
 GCGGCAGGCCGAGAGGATGCTCTGGCAGTCAACACAGCAGGAAGACTCCAGTGAAGTGTCTGGAAC
 TGTGGCCGAAAGCAAGTGAAGCTGCAGCGGCTGTAAACAGGCCGATACTGTGGCTCTTTTGGCAGC
 ATAAGACTGGGAGAAGCATCACACATCTGTGGACAGACCTGCAGGCCCCACAGCAGGGAGAAACGCC
 TGCTGTCAGTCTCAGTACGCCAGCAGTGGGGCTGGGAGCCCAATGGACACACCACCAGCAGCCACT
 CCGAGGTCTACCACCCCGGAACCCCTCCACCATAGAGACGACGCTCGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108657
- Insert Size:** 1734 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_001108657.1](#), [NP_001102127.1](#)

RefSeq Size: 3364 bp

RefSeq ORF: 1734 bp

Locus ID: 362489

Cytogenetics: 5q13