

Product datasheet for **RN216974**

Cbfa2t2 (NM_001168542) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cbfa2t2 (NM_001168542) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cbfa2t2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN216974 representing NM_001168542
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGGGCGTCCCTGGAGCGGCCCTCCAGCTTGGTTGTGAGAAAAGGGTGCCAGCAATGCCTGGAT
 CGCCTGTGGAAGTGAAGATACAGTCAAGAGCCTCACCTCCATCATGCCACCCCTCCACCAATAAATCC
 TGGAGGACCGAGGCCAGTGTCTTTACTCTACAGCATTAAAGCAATGGCATCAGCCATCCCTCCTACC
 CTGAATGGTGCCCATCGCCACCACAGAGATTCAGCAACGGGCCTGCCTCCTCCACGTCCTCAGCGCTAA
 CAAATCAGCAGTTGCCAGCTACTTGTGGTCTCGGCAACTCAGCAAGTTGAAACGCTTTCTCACTACTCT
 ACAACAGTTTGGCAATGACATCTCACCTGAGATTGGCGAGAAGGTTGGACGCTTGTCTAGCCTTGGT
 AACTCAACAGTGACAATTGAAGAATCCATTGCAAGCTCCAGGAGGCTACAACTCCCCTTCTGTCAT
 TTGTAATTCGGTTTCTCAAGGCCAACCTGCCCTGCTGCAGCGAGAAGTCTGACTGTGCCGGGCTGC
 CAAGCAGACCCCATCCAGTACCTGGCCAGCATGAGCACCTTCTGCTCAACACCAGTATCGCATCTCT
 GCTGACTCTTCTGAAGTCTTATGGAGGTTTCATGGAAATGGAAAGAGGCCAGTCCCGAAAGGAGGGATG
 AGAATAATTTGAAAGAGACACAGTTTCTCCTGAACCGACTGCCAAGAGAGTGTGCACTATCAGCCCTGC
 TCCTCGGCACAGTCTGCCCTCACTGTTCCCTCCTGAGTGCCGGGGGCCAGTTCATCCTACTCCACCA
 CCTCTTCAAGCACTATACCTTAGAAGACATCGCAACTTCTCACCTGTATCGGGAACCAACAAGATGCTAG
 AACACCGAGAAGTTCTGTGAGAGGCCACAATCTTAGTCTCAATGGAGGCTATCAAGATGAGTTGGTAGA
 CCACCGTTTGACAGAAAGGGAGTGGGCCGATGAATGAAACATCTTGACCATGCCCTGAATTGCATCATG
 GAAATGGTGGAAAAACGAGGCGCTCCATGGCTGTCTGAGGCGCTGTGAGGAATCTGACCGTGAAGAGC
 TTAACATTTGAAAAGACGATGTAATGAAAATACAGAGTTGAGGAAGACTGGGACCGAGTTGGTCTCTAG
 GCAGCACAGCCCTGGGAGTACAGATTCTCTCAGCAACGATTCTCAGCGGGAATTCACCAGTAGGCCAGCA
 GCAGGATACGTGCCTGTAGAGTTTTGAAAGAAAAGTGAAGAAGCTGTGAACAAGGTGAAAATTCAGGCCA
 TGTGAGAGGTACAAAAGGCTGTAGCTGAGGCAGAGCAAAAAGCCTTTGAAGTGATTGCAACTGAGAGAGC
 TCGAATGGAGCAAACCATAGCGGATGTCAAAGGCAGGCGGCAGAAAGATGCTTCTGTCATCAATGAG
 CAAGAAGAGTCCACAGAGAACTGCTGGAAGTGTGGCCGAAAAGCCAGTGAGACGTGACGTGGCTGCAATA
 TTGCTCGTACTGTGGCTCCTTCTGCCAGCATAAGGACTGGGAGCGGCACCACCGCTCTGTGGCCAGAG
 TCTACATGGCCACAGTCCCACAGCCAGAGCCGGTCACTGCTCCCTGGAGGGCGGGGCTCAGCCAGGTCT
 GCTGACTGCAGTGTGCCAGCCAGCCCTGGACAAGACCTCAGCTACCACCTCACGGTCTCAACACCTG
 CCTCTGTGACAGCCATTGATGCCAACGGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001168542

Insert Size: 1785 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_001168542.1](#), [NP_001162014.1](#)

RefSeq Size: 2599 bp

RefSeq ORF: 1785 bp

Locus ID: 296293

Cytogenetics: 3q41