

Product datasheet for **RN205250**

Dtx2 (NM_001107157) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dtx2 (NM_001107157) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dtx2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205250 representing NM_001107157
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCATGGCCCAAGCTCGTCTCTGCCGAGGTGTACCCTAGCCATGTGGTGGTGGCTGTGTGGGAAT
 GGCAGGATGGTCTTGGCATTGGCACCCCTACAGTGCCACTGTCTGCTCCTTTATTGAGCAGCAGTTTAT
 CCGGCAGAGGGGCCAGCATTGGACTGGGAGCCTGGCCACAGCATCCCTTAGGCCAAGCTGATCCT
 TCACTGGCCCTTACATCATCGACCTCCCCAGCTGGACTCAGTCCGCCAGGACACTGGCACCATGAGGT
 CCGTGCGCAGACACTGTCTCACAGAATTCTGCCCCAGGCCAGGGCATCGTCTGGGAGTGGCTGGGTGA
 TGACGGATCTGGATAGCCTACGAAGCTAGAATCTGTGACTATCTGGAACAGCAAGTGGCCCGGGGCATC
 CAGGTCGTGGACTGGCCCACTGGGGTACAACACTACACTGTCAACTATGCCACCTAACCCAAACCAACA
 AGACTTCCAGCTTCTGCCGGAGTGTGCGACGCCAAGTGGGGCCAGTTTACCCAGTGACTTCAGACATCGC
 TGTCACCGTCAAATGGGACTCATCTGCTTTTGGCAACAGTGCCTCCATGGTAGCGGAACGGCCCTGTG
 TCAGGTCGCTACCGCCACTCCATGACCAACCTGCCTGCCTATCCTGCCCCCAAGCACCCACCGGACCG
 CCACTGTCTCTGGGGCCACCAGGCCTTTGCCCATACAATAAACCTTCACTGTCTGGGGCCAGATCTGC
 GCCAAGGTTGAACACCACCAGCCCTGGGGTGCCACACCTCCTGTTCCAGGCAACCAGTCCCTGTTGCAC
 TCCAGCCTCTCCACCTGGGGCCACAGCTCCTGCCCTCAGGACCGTCCACCTCCAGTGGAAACAGTGCCT
 CCTTCCCAGCGGTCCCTCCTCCAGCAGCCAGGGAGCGCCCCACCCTGTGCCGTGCAGATGCCAAA
 GCCCAGCAGGGTCCAGCAGGCGCTTGACAGCATGACGAGTGTGCTGTGAGCCATTGGACTCCCTGTGTGT
 CTTAGCCGTGCACCCCGGCCACCGCCCTCCCGCTCCCGTCCGACCTCTAAAAGTACAGCTCAGTTA
 AGAGCTGAGGAAAATGTCGGTAAAAGAAGGGGGCCTAAGCCGAGCCGGAGCAGGTGATCAGAAAAGTA
 CACGGAGGAGCTGAAAGTGGCCCCGAAGAGGACTGCATCATCTGTATGGAGAAAAGTGTCTGTGGCCTCT
 GGGTACAGTGACGTGACTGACAGCAAGGCCCTTGGGCCATGGTCTGGGGCCGCTCACCAAGTGCAGCC
 ATGCCTTCCACCTGCTGTGCCTGCTGGCCATGTATTGCAACGGGAACAAGGATGGGAGTCTGCAGTGTCC
 GTCCTGCAAAAACCATCTATGGGGAGAAGACTGGAACGCAGCCGTGGGGGAAGATGGAGGTGTTCCAGTTC
 CACATGTCCCTGCCAGGCCACGAAGACTGTGGGACTATACTATTGTTTACAACATCCCTCATGGCATCC
 AGGGACCCGAGCACCCAGCCCTGGGAAACCATTACTGCCCGAGGCTTCCCCGGCAGTGTACCTGCC
 AGATAGCCCTCAGGGCCCAAGTCTGGAGCTCCTGAAGGTGGCTGGAAGAGACGGCTCATCTTACT
 GTGGGGACTTCCAGCACACAGGTGAGACGGACACCGTAGTGTGGAACGAGATCCACCACAAGACTGAGA
 TGGACCGAAACGTGACAGGCCACGGCTATCCAGACCCCAACTACCTGCAGAACGTGCTGGCTGAGCTTGC
 TGCCAGGGAGTGACCGAAGACTGCCTGGAGCAGCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107157
- Insert Size:** 1860 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_001107157.1](#), [NP_001100627.1](#)

RefSeq Size: 2665 bp

RefSeq ORF: 1860 bp

Locus ID: 304591

Cytogenetics: 12q12