

Product datasheet for **RN200971**

Ddx31 (NM_001107824) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx31 (NM_001107824) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ddx31
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200971 representing NM_001107824
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCGGCAACAGAGGCTACCAAGAGAAAGCACCAAGTGTCCAGCGATGCTCCACCAGCAAACGGA
 GGAATGAAATATCCTCTCTTTACGCCAAGAAAGCCAGCAATAAAGAACTCAGAGAGCATTAAAGGGAG
 CGCACACAAAACATTTCTCCAAAGAAGCATTTGGACACTATAGCAATGAAAGGCAAGAGGAGAAGCCG
 TGTGTTAAGACTTCGTCGCTGTTAAAAACAATCCCGAGATCCCAGAATCCACAGAACAGTAGTGAAGC
 AGGCTCGAGAGCAAGTGTCTCTCCAGAAGCTTCCAGGAGCTGGACCTCACCCACATCTAATTTCCAC
 AATAAATACAGTTTTAAAAATGTCCAGTATGACCAGTGTCCAGAAGCAGAGTATCCAGTGTCTGTGAA
 GGCAGAGATGCCCTGTGCGCTCGCAGACGGGCTCAGTAAAACCTTGCCTATTGCATCCCTGTGGTCC
 AGTCTCTCAAGCACTGACATCAAAAATACAGCGTAGTGATGGCCCTATGCTTTGGTCTAGTGCCAC
 CAGAGAGTTGGCTCTGCAAAGCTTTGACACTGTTCAGAAGCTACTAAGCCATTTACCTGGATTGTTCT
 GGAGTGTGATGGCGGAGAGAAGAGAAATCAGAAAAGGCCAGACTCCGCAAAGGCATAAATATCCTTA
 TCTCAACTCCTGGCCGGTATAGTGGATCATATAAATCCCAAAGAACATTCATTTAACCAGTACGGTG
 GCTGGTTGTGGATGAAGCAGACAGGATCTTGGATTTGGGCTTTGAGAAGGATGTCACCGTATTCTGAAT
 GCTGTAATGCTGAGTGTGAGAAGCGGCAGAAATGTCCTCTGTGACGACACTCACGGAAGGTGTAACCT
 GGCTGGCTGATATCAGTTTGACAATCCAGTCAGTATCTCTGTCTGGACAAAAGTTGGGACCAGCCAA
 TCCTAAGGAAGTGTAGTATCCAGCTGGACAGCTTTGCCATACCAGAGAGTCTCGACCAGTATGTGGT
 TTGGTTCCAGCAAGCTGCGCTTGTCTGCCTTGACGCTTATCCTGAAGAAGTGAAGTTTGAGAAGG
 ACCAGAAGATGATTGCTTTTTCTCAAGTTGTGAGCTGGTAGAGTCCACTACAACCTTCTCCTTACAC
 CCTGCTTTGCCACTCCGGGACCCCTGTTACAGAGACGCTGCCATCTGCCTCCTGGCCACTGAAATTCCTT
 CGGCTGCATGGCAACATGAAGCAGGAGGAAAGAACTTCTGTGTTTCATGATTCTCACATTCTGGAAGT
 GAGTCTACTCTGCACAGATGTTGCATCTCGAGGCTTGGATCTCCACAAGTACCTGGATTGTTTCAGTA
 CAGTGTCCGCTGCACCTGCAGAGTACATTCACCGCATTGGAAGGACTGCCCGGATCGGCTGTCATGGG
 AGCAGCTGCTCATTTTGGCTCCTTCGGAGGCAGAGTATGTCAACTCGTTGGCTTCTCACAAAATCAATG
 TCTCTGAGATTAAGCTGGAAGGATTTTGGCTGTCTGGCAAAGGATGATTGTTTTAAAAGGAGACAAAG
 GGGAGCCAGAGATCCCATGCCACTGGCCCCAGGAAATCCGAGAGCGAGCCACGGTGTTCAGACAGTG
 TTTGAAGATTATGTGCACTCCAGTCAGAGGATGGTCTCCTGGCAAAGAAAGCCCTGCAGTCTTATCC
 GAGCCTATGCCACCTACCCAAGGAGCTGAAGTCTATCTCCATGTCCGGTCCCTACACCTTGGCCATGT
 GGTAAGAGTTTTCGGACTAAGAGATGCTCTAGAAACCTCGGTGTCTCTGCTGTGAGAAAGGCAAGCTTT
 AAAAGGCTGACCTCGGAGGAAGACCCAGAGGAAGCACCTTGTGCCTGCTGAAGTCTGCACTCGG
 AACACTCCAGTGGGCTGGAGGGCAATGGCCGAAGGGCAGAAAGCAAGGCCTTCGGGTGGCACCCAGCAA
 GCCTGGGCTACGGAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107824
- Insert Size:** 2049 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_001107824.2](#), [NP_001101294.2](#)

RefSeq Size: 2688 bp

RefSeq ORF: 2049 bp

Locus ID: 311835

Cytogenetics: 3p12