

Product datasheet for **RN216761**

Ddx19b (NM_001005895) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Ddx19b (NM_001005895) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Ddx19b |
| Synonyms: | Zd10a |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN216761 representing NM_001005895
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCACGGATTCTTGGCCCTAGCAGTGGACGAGCAGGAAGCCGCGTGAGTCGTTGAGCAACTTGC
 ATCTTAAAGAGGAGAAAATCAAACCAGATGCCAATGGTGCTGTTGTTAAGACCAGTGCTAACACAGAGAA
 GACAGAGGAAGATGAGAAAGAGGACAGAGCTGCTCAGTCTTTACTCAACAAGCTGATCAGAAAGCAATCTT
 GTGGATAACACCAACCAAGTGAAGTCCTGCAGAGGGACCCGAGCTCCCCGCTCTACTCAGTGAAGTCCT
 TCGAGGAGCTTCGCCTGAAACCACAGTTCTCCAGGGAGTCTATGCCATGGGTTTCAACCGCCCTTCCAA
 GATCCAGGAGAATGCACTGCCTTTGATGCTTGGTGGAGCCACAGAACTAATTGCCAGTCTCAGTCT
 GGTACTGGGAAAACAGCTGCCTTCGTGTTGCCATGCTCAGCCAAGTAGAGCCTGCAAACAACCATCCCC
 AGTGTCTCTGCCTCTCTCAACCTATGAGCTGGCTCTTCAAACAGGAAAAGTGATTGAGCAGATGGGCAA
 ATTTTACCCTGAACTGAAGTTAGCTTATGCTGTTTCGAGGCAATAAATTGGAAAGAGGTGAGAAGGTCGGT
 GAGCAGATTGTCATCGGTACCCCTGGGACCGTCTGGACTGGTGTCCAAACTGAAGTTCATTGACCCCA
 AGAAGATCAAGGTGTTTGTCTGGACGAGGCTGATGTGATGATAGCGACTCAGGGCCACCAAGACCAGAG
 CATCCGCATCCAGAGGATGCTGCCAGAAAAGTCCAGATGCTGCTTTTCTCTGCCACCTTTGAAGACTCA
 GTGTGGAAGTTTGGCCAGAAGGTGGTCCAGACCCCAACATCACTAAGCTGAAGCGTGAAGAGGAGACGT
 TGGACACCATCAAACAGTATTATGTCCTTTGCAATAACAGAGAGGAGAAGTTCAGGCCCTGTGCAACT
 GTACGGGGCCATCACCATCGCCCAAGCCATGATCTTCTGCCATACCCGCAAAACAGCTAGCTGGCTGGCG
 GCAGAGCTCTCAAAGAGGGCCACCAGGTGGCCCTGCTGAGTGGAGAGATGATGGTGGAGCAGAGGGCTG
 CTGTGATCGAGCGCTTCAGAGAAGGCAAAGAGAAGGTTCTGGTGACCACCAACGTGTGTGCCCGTGGTAT
 TGATGTTGAACAAGTGTCTGTGGTCATCAATTTTACCTTCTGTGGACAAGGACGGGAACCCAGACAAT
 GAGACCTACCTGCACCGCATTGGGCGCACAGGCCGCTTTGGCAAGAGGGCCTGGCAGTAAACATGGTTG
 ACAGCAAGCACAGCATGAATATCCTCAACAGAATCCAGGAGCATTTCAATAAGAAGATAGAAAGATTGGA
 CACAGATGACTTGGACGAGATCGAGAAAATAGCCAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAAGTCACTCAGAAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001005895
- Insert Size:** 1440 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_001005895.2](#), [NP_001005895.2](#)

RefSeq Size: 6482 bp

RefSeq ORF: 1440 bp

Locus ID: 690693

Cytogenetics: 19q12

Gene Summary: plays a role in zinc induced apoptosis [RGD, Feb 2006]