

## Product datasheet for **RN217010**

### **Ddx59 (NM\_001190820) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ddx59 (NM_001190820) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ddx59
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >RN217010 representing NM\_001190820  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTTGTCCAAGATCTTTGAACTCAAGAGGAATTCTAATGATGACCTCAAAGCTGCGAAGCCAAAA  
 AAAGTAAGCCAGAAGCGGCAGGCCCTTCAGCTGGAAGGAAACAGAGAACTCTGGTCTCGAATCAGTTAC  
 TAAGGAAGCTGTACAGCAGACAGGCCCGCAGTGCATCGAGCAGATCCAGCCCTTCTTGCCAGTTGGCT  
 GAGGTTTGTCCACAGGACCTGATCAGGGTGTGAAGGACAGCCACCCATCTGAAGAGCCGGTAAAGTCAT  
 TTTCCAAAACCCAGCGGTGGCCAGAACCTGGGGAGCCCGTCTGTGTTGTCTGCGGTGTTACGGAGAGTA  
 TATTTGTGACAAGACCGACAAGACGTGTGTAGCTTGGAGTGCAAAGCAAACATCTGCTGCAAGTTAAG  
 GAAGAGGAAGGATCATAAAAACCCAGCAGCCACAGGGAGCTGCTCCGAGCCAGAGTCCCCTGAGTGA  
 CCTTTTATGTCTACAAAGAGCACCCCTTATTGTGGCCCTCAGGGACGACCAGATTGAAACCCCTAAACA  
 GCAGCTAGGAATCTCAGTCCAAGGACAAGAAGTTGCCAGGCCATTATTGACTTCGAGCACTGTGGCTTC  
 CCCGAGACCTTAAATCAGAACTTGAAGAAGTCAAGGCTACGAAAGTCCCACTCCAGATGCAGATGA  
 TTCTGTGGGGCTTCTGGGAAGAGACATTCTGGCCAGCGCAGACACTGGCTCAGGGAAAACGGCAGCTTT  
 TCTCCTACCTGTAATTATCCGAGCTTACCTGAGGATAAACTCCATCTGCACTCATTCTCACACCAACA  
 CGAAGACTGGCCATTAGATAGAGAGGCAGGCCAAGGAAGTGTGAGGGGGCTGCCTCGAATGAAGACAG  
 TGCTTCTCGTGGGGGGCTTACCTTTACCCCGCAGCTCTATCGCTACAGCAGCATGTGAAGTTGTCAT  
 AGCAACCCCGGACGACTTCTGGATATAATTGAACAGAGCTCCGTATCGCTCAGCGGCATAAAGATTGTC  
 GTAGTAGATGAAGCTGACACCATGTTGAAGATGGGCTTTCAGCAGCAAGTACTGGATGTTTTGGAACACA  
 CTCCGAGCGACTGTCAGACCGTCTTGGTTTCTGCCACAATCCAGATAGCATAGACCAGCTTGCAGACCA  
 GCTTCTGCATAATCCTGTGAGGATTGTACCCGGGGACAAGAACCCTGCCCTGCTCCAGCGTCCGGCAGATC  
 ATCCTGTGGGTAGAAGACCCAGCCAAAAAGAAGATTGTTTGAATCCTAAATGATCAGAAGCTCTTTA  
 AGCCTCCAGTGTTAGTATTTGTGGACTGCAAACCTTGGCGCAGATCTGCTGAGCGAGGCGGTTCAGAAGAT  
 CACAGGCCTGAGCAGCAGATCCATCCACTCCGAGAAGTGCAGGTTGAGAGGAGGAGATACTGAAGGGA  
 CTACTGGAAGGAGACTATGAAGTGGTGGTGAACGCGGGATCCTGGGCCGAGGCCATGATTTGGTCAACG  
 TCAAGCTGGTTGTGAATTTGATATGCCTCAAGCCTGGATGAGTATGTTACCAGGTTGGCAGAGTTGG  
 GAGACTGGGTCAAATGGAACGGCAATTACATTCATCAATAACAACCTCTAAAAGACTCTTCTGGGATGTT  
 GCCAAAAGAGTGAAGCCACGGGATCCATTCTCCCGCCACAACCTCTAAATCTCCTTACCTTCATGAGC  
 AGAAGAGAAAGGAACAGCAGAAGGACAGACAGACAGAGCAGCCTGGTACAGGGGCCAACCTCATGGA  
 CATTATTAGGAAACACGAGAAGAGCAGTTCACAGAAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001190820
- 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).
- 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\\_001190820.1](#), [NP\\_001177749.1](#)

**RefSeq Size:** 2148 bp

**RefSeq ORF:** 1860 bp

**Locus ID:** 289402

**UniProt ID:** [Q66HG7](#)

**Cytogenetics:** 13q13