

Product datasheet for **RN209793**

Ddx59 (NM_001005535) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx59 (NM_001005535) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ddx59
Synonyms:	MGC93714
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209793 representing NM_001005535
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTGTCCAAGATCTTTGAACTCAAGAGGAATTCTAATGATGACCTCAAAGCTGCGAAGCCAAAA
 AAAGTAAGCCAGAAGCGGCAGGCCTTCAGCTGGAAGGAAACAGAGAACTCTGGTCTCGAATCAGTTAC
 TAAGGAAGCTGTACAGCAGACAGGCCCGCAGTGCATCGAGCAGATCCAGCCCTTCTTGCCAGTTGGCT
 GAGGTTTGTCCACAGGACCTGATCAGGGTGTGAAGGACAGCCACCCATCTGAAGAGCCGGTAAAGTCAT
 TTTCCAAAACCCAGCGGTGGCCAGAACCTGGGGAGCCCGTCTGTGTTGTCTGCGGTGTTACGGAGAGTA
 TATTTGTGACAAGACCGACAAGACGTGTGTAGCTTGGAGTGCAAAGCAAACATCTGCTGCAAGTTAAG
 GAAGAGGAAGGATCATAAAACCCAGCAGCCACAGGGAGCTGCTCCGAGCCAGAGTCCCCTGATG
 CCTTTTATGTCTACAAAGAGCACCCCTTATTGTGGCCCTCAGGGACGACCAGATTGAAACCCCTAAACA
 GCAGCTAGGAATCTCAGTCCAAGGACAAGAAGTTCAGGAGCCATTATTGACTTCGAGCACTGTGGCTTC
 CCCGAGACCTTAAATCAGAACTTGAAGAAGTCAAGGCTACGAAAGTCCAACTCCCATCCAGATGCAGATGA
 TTCTGTGGGGCTTCTGGGAAGAGACATTCTGGCCAGCGCAGACACTGGCTCAGGAAAACGGCAGCTTT
 TCTCCTACCTGTAATTATCCGAGCTTACCTGAGGATAAACTCCATCTGCACTCATTCTCACACCAACA
 CGAAGACTGGCCATTAGATAGAGAGGCAGGCCAAGGAAGTGTAGGGGGCTGCCTCGAATGAAGACAG
 TGCTTCTCGTGGGGGGCTTACCTTTACCCCGCAGCTCTATCGCTACAGCAGCATGTGAAGGCTGACAC
 CATGTTGAAGATGGGCTTTCAGCAGCAAGTACTGGATGTTTTGGAACACACTCCGAGCGACTGTCAGACC
 GTCTTGGTTTCTGCCACAATCCCAGATAGCATAGACCAGCTTGCAGACCAGCTTCTGCATAATCCTGTGA
 GGATTGTCACCGGGGACAAGAACCTGCCCTGCTCCAGCGTGGCAGATCATCCTGTGGTGAAGACCC
 AGCCAAAAAGAAGAAGTTGTTTGAATCCTAAATGATCAGAAGCTCTTTAAGCCTCCAGTGTAGTATTT
 GTGGACTGCAAACCTGGCGCAGATCTGCTGAGCGAGGCGGTTCAAGATCACAGGCCTGAGCAGACAT
 CCATCCACTCCGAGAAGTCGAGGTGGAGAGGAGGAGATACTGAAGGGACTACTGGAAGGAGACTATGA
 AGTGGTGGTGAACAGCGGGATCTGGGCCGAGGCTAGATTTGGTCAACGTCAAGCTGGTTGTGAATTTT
 GATATGCCTTCAAGCCTGGATGAGTATGTTCCAGGTTGGCAGAGTTGGGAGACTGGGTCAAATGGAA
 CGGCAATTACATTCATCAATAACAACCTCTAAAAGACTCTTCTGGGATGTTGCCAAAAGAGTGAAGCCAC
 GGGATCCATTCTCCGCCACAACCTTAAATTCTCCTTACCTTCATGAGCAGAAGAGAAAGAACAGCAG
 AAGGACAGACAGACAGAGCAGCCTGGTACAGGGGCAACCTCATGGACATTATTAGGAAACACGAGA
 AGAGCAGTTCACAGAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001005535
- Insert Size:** 1770 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_001005535.2](#), [NP_001005535.1](#)

RefSeq Size: 2058 bp

RefSeq ORF: 1770 bp

Locus ID: 289402

UniProt ID: [Q66HG7](#)

Cytogenetics: 13q13