

Product datasheet for **MC220006**

Ddx51 (NM_027156) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx51 (NM_027156) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ddx51
Synonyms:	2310061O04Rik; AA537002; C81583; R75505
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220006 representing NM_027156
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCTGTTCCACATAGCGCGGTACGCGGGCCAGAGGCCGCGGGGCAGGGGGATACGGACGCAGAGG
 CGGGCAGCCGGGCTCGAGTGCTGCTCGAGCGGCTGCAGAACAGAGCCCGTGAGCGACAGCAGCGGGAGCC
 GGAGCTCGAGACCACAGGAACGGCCGGGAAGGGGAAGCGGCAGCAGCAGGCAAGCGCGACGGCGGCC
 CGACGGCGGCGTGGGTGAGCGGCTCGGCGACTCCGAACCTCGGAGGCTCCTAGGGCGAAGCGGGGAAAG
 CGGACAAGGACGTGGACGCAGGGAGAGGTGAGGAGGCTCCGGAGGAGCTCAGTGCCGGCGCAGAGGACCC
 GGGTGCGAACCCCTCAGGAGGATGTCAGAGACCCCGGCTCCAGGCCGGGTGCTGGGGGACTTTGCAAGA
 AGAAAGACGCCGAAGGTTACGCTTTCTGCCAGCATGGTTGGCTAAGCCAAGCTGTGTCAAAAAGAGTG
 TCACCGAAGATCTCACTCCCATTGAGGACATCCCTGAGGTTACCCTGACCTGCAGAAGCAGTTGAGAGC
 TAATGGCATCACTTCTACTTTCCAGTCCAGGCAGCTGTGATCCCGCCCTCCTCGAAAGTGCTGACCAT
 GGGTTTCTCATAGGCAGAGGTGGCTACCAACCTAGTGACCTCTGCGTCTCTGCCCAACGGGCAGTGGGA
 AACACTGGCCTTTGTCATCCCCGTGGTACAGGCCCTGTTGCATCGAGTGGTCTGCCACATCCGTGCACT
 GTTTGTACTTCCCACTAAGGAGCTGGCCCAACAGGTGAGCAAAGTATTCAACATCTACACAGACACCACG
 CCTCTGAGGGTTGCCTGGTGACTGGACAGAAGTCGCTGGCTAAGGAGCAGGAGAGTCTTGTCCAGAAGA
 CAGCAGATGGTTTCCGTTGCCTGGCCGACATTGTGGTGGCCACACCTGGCCGCTTGGTGGACCACATTGA
 CCAGACTCCAGGATTCAGCCTCCAGCAGCTCCGCTTCTGATCATTGATGAGGCTGACCGGATGATAGAC
 AGCATGCCACAGTCTGGCTGCCACGAGTGGTGGCGGCAGCCTTCTACAGTGAGGGCCCCACGGGTTCT
 GTGCCCTGCTCCAGAGGACACAGCCCCAGGCTCTGACTGCTGCCAGCACCTGTGTCCCCCAGATGCCTCT
 GCAGAAGCTACTGTTCTCAGCCACTGACCCAGGACCCGAGAAGCTGCAGCGCCTTGGCCTCTACCAG
 CCACGGCTTTTCTCCACAAGGCTGGGACAACAAAGTCTAAAGACACAGCTGAGGTGGATGAAAACTCGG
 GGAAGTACACCTTCCCCGTGGGCTCACGCATCACTATGTGCCGTGTAGACTCAGCTCGAAGCCACTCAT
 TGTCTTACACCTGGTCTCAGGATGAGCTGCTCAAGGGCTCTTTGCTTACCAACTCCCAGAAAACCTCC
 CACAGGCTGTACCTATTAGCACAAAGCTTTGGGGGTGTGAGTGTGGCTGAATTCTCTCCCGCTATGGGC
 CTGGCCAAAGGAAGAAAATCTTGAAGCAGTTTGAACAAGGAAAGATCCAGCTCCTATCAGCACAGATGC
 TACTGCTCGAGGCATTGATGTGCAGGGTGTGGAGCTGGTATCAACTACGATGCCCCACAATATCTGAGG
 ACCTATGTGCACAGGGTGGGAGAACAGCTCGAGCCGGGAAAACGGACAGGCATTACACTTCTCTTGA
 AAGTGCAGGAAAGGAAGTTCTTTCAGATGGTGTGAGAAGCTGGGGTGCCTGAGCTGACACACCATGAGAT
 CCCCAGGAAGCTCCTGCAGCCGCTGTTGCTCGTTATGAGACAGCCTTGTCTCAGTTGGAGAAAACCTGTC
 AAGGAGGAGCAGAAAACGAAGGCAGCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_027156

Insert Size: 1920 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_027156.3](#), [NP_081432.2](#)

RefSeq Size: 4874 bp

RefSeq ORF: 1920 bp

Locus ID: 69663

UniProt ID: [Q6P9R1](#)

Cytogenetics: 5 F

Gene Summary: ATP-binding RNA helicase involved in the biogenesis of 60S ribosomal subunits.
[UniProtKB/Swiss-Prot Function]