

Product datasheet for **MC202976**

Ddx3y (NM_012008) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ddx3y (NM_012008) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ddx3y
Synonyms: 8030469F12Rik; D1Pas1-rs1; Dby
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC021453 sequence for NM_012008
 CCACGCGTCCGCCACGCGTCCGGTCCGTGAGAAGTTCTCAATTTTTTTCAGCAATGAGTCAAGTGGCA
 GCGGAAAGTACGGCCGGCTGGACCAGCAATTTGGTCTTGACCTGAAATCATCAGATAATCAGAATG
 GAGGAGGAAATACAGAGAGCAAAGGGCGCTATATACCTCCTCACTTAAGGAACAGAGAAACATCTAAAGG
 GGTCTGTGATAAGGACAGTTCAGGATGGAGCTGTAGTAAAGATAAAGATGCCTACAGCAGTTTTGGATCT
 CGTGATCCAGAGGGAAGCCCAATTATTTTCAGTGATCGTGGAAAGTGGATCCAGGGGAAGGTTTCGATGATC
 ATGGTCGAAATGACTATGATGGTATTGGTGGTCTGACCGAACTGGATTTGGCAAATTTGAACGGAGTGG
 TCATAGTCGTTGGAGTGACAGATCAGATGAAGATGACTGGTCAAACCACTTCCACCAAGTGAACGCTTA
 GAGCAAGAATTTTTCTGGAGGAAACACAGGGATTAACCTTTGAGAAATATGATGATATACCAGTAGAAG
 CAACTGGAATAATTGTCCTCCTCACATTGAAAATTTTCAGTGATATTGAGATGGGAGAAATATCATGGG
 GAACATTTGAACCTACTCGTTACACTCGTCTACTCCAGTGCAAAAACATGCTATTCCAATTATTAAGAA
 AAAAGGGACTTAATGGCTTGTGCTCAAACAGGGTCTGGAAAACTGCTGCATTTCTACTACCCATTTCTCA
 GTCAGATTTATACAGATGGTCCAGGAGAGGCTTTGAAGGCTATGAAGGAAATGGAAGATATGGTCGCCG
 TAAACAATACCCAATCTCCTTGGTGTAGCCCCAACAAGAGAATTGGCTGTGCAGATCTATGAGGAAGCC
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 GCGATATTGAAGAATATGTGCATCGAATTGGCCGCACAGGACGTGTAGGAAACCTTGGACTTGCCACCTC
 TTTTTTCAATGAGAGGAATTTGAACATCACAAAAGATTTGTTAGATCTCCTTGTGAGGCTAAACAAGAA
 GTGCCCTTCTGGTTGAAAGTATGGCTTATGAACACCACTACAAGGGAAGTAGCCGTGGACGTTCTAAAA



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GCAGATTCAGTGGAGGATTTGGAGCCAGAGACTATCGACAGAGCAGTGGTCTGCAAATGCTGGATTTAA
TAGTAACCGTGCCAATAGCAGCCGAAGTAGTGGTAGTAGCCACAACAGAGGATTTGGTGGAGGTGGCTAT
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ACAAAGTACTTATTTTATTGCACATGAAGAGAATTTTATATGTGTATCTTATGTACAAGTCTTGAAGTT
CCAATTGGATATTGTTGATTACAGTGTGTCAAGAAGTGGTTCCAGAAAAATTTTCCATGGACCATAGAATG
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AGGCAGGTGGATTTCTGAATTTGTGCCAGCCTGTTCTGCATAGTGAGTCCAGGACAGCTAGGGCTCTA
CAGAGAAACCTTGTCTCAAAAAACCAAAAAAAGAAAAAACGAAAAAAAAAAAAA
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Restriction Sites:

RsrII-NotI

ACCN:

NM_012008

Insert Size:

1977 bp

OTI Disclaimer:

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in *E. coli* are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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: [BC021453](#), [AAH21453](#)

RefSeq Size: 3767 bp

RefSeq ORF: 1977 bp

Locus ID: 26900

UniProt ID: [Q62095](#)

Cytogenetics: Ypter

Gene Summary: Probable ATP-dependent RNA helicase. May play a role in spermatogenesis.[UniProtKB/Swiss-Prot Function]