

Product datasheet for **MC222335**

Ddx10 (NM_029936) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Ddx10 (NM_029936) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Ddx10 |
| Synonyms: | 4632415A01Rik; AI646054 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >MC222335 representing NM_029936
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGCAAACGGTTGCTTCTCTGGGTCAGGGAACCCGACCCGACCCGGTGCGGAGCTTTAATCGCTGGA
 AGAAAAACACAGCCACAGGCAGCACAAAAGAAGGAGCGGAGGAAGCAGCTAAAGAAGCCGGAATGGCA
 GGTGAGCGCGAGGGGATCAGCCGCTCATGCAAACTACGAGAAGATAAATGTAATGAAATTACAAGA
 TTTTCAGATTTCCCTTTGTCCAAAAAACATTGAAAGTTTGCAAGAAGCACAGTACCGCTTGGTAACAG
 AGATACAGAAGCAGACCATAGGGTTGGCTTTGCAAGGTAAGATGTGCTTGGTGTGCCAAAACGGATC
 TGGCAAGACTTTGGCTTTTCTTGTCCGGTGTGGAAGCCTTATACCGCTGCAGTGGACTTCAACAGAT
 GGCCTGGGAGTTCTGATAATACCTACTCGAGAAGTGGCTATCAGACATTTGAGTTCTACGCAAG
 TAGGGAAGAATCATGATTTTTCAGCTGGTCTCATTTGGTGGGAAGGATCTGAAACATGAAGCTGAGAG
 GATCAACAACATAAACATACTGGTTTGACACCCAGGTCGACTTCTCAACACATGGATGAAACAATATGT
 TTTTCATGCCACCAATCTTCAGATGTTAGTTCTTGATGAGGCAGATAGAATCTTGATATGGGCTTTGCTG
 ATACCATGAATGCTATTATTGAAAATCTTCCCAAGAAAACGCCAGACTTTACTGTTCTCAGCCACACAGAC
 CAAATCTGTAAAGGACCTTGCGCGCTTGAGTTTAAAAGACCTGAGTATGTCTGGGTTTCATGAAAAAGCA
 AAATACAGCACCCCTGCTACGTTGGAACAGAATATAAATTTGTGAGCTGCACCAAAAAATAAGTGTGC
 TGTTTTCTTTTTGAGAAGCCACCTAAAGAAGAAGAGTATTGTGTTTTCTCCAGTTGCAAAAGAGTTCA
 GTATCTGTATAGGGTGTCTGCAGGCTGCGCCAGGGATCTCGATCCTTGCTCCTCATGGCCGCGCAGCAG
 CAGATGAGAAGAATGGAGGTCTACAATGAATTTGTCGAAAGAGGGCCGAGTACTTTTGGCCACTGATA
 TTGCAGCTAGGGGACTGGATTTTCCAGCTGTGAATTTGGTCTTCCAGTTGATTGTCCAGAGGATGCCAA
 CACGTATATTCACAGAGCTGGTAGAATGCCAGGTACAAAGAAGATGGAGAAGCGTTATTAATTTTACTA
 CCTTCAGAAGAGCAAGGAATGGTGCAGCAGCTTCTCCAGAAGAAAAGTACCTGTGAAGGAGATCAAAATCA
 ATCCAGAAAAACTTATTGATGTTTCAGAAAAAATAGAATCATTTTTAGCTCAAGATCAAGATTTAAAAGA
 AAGAGCTCAAAGGTGTTTTGTCTCCTATACGCTCAGTATATCTTATGAAGGATAAAGAAGTATTTAAT
 GTGAGCAAGTTACCTATTACTGAATATGCACTGTCTCTTGGTCTTGTGTGGCACCAGCGGATAAGATTTT
 TTCAGAAACTGGAGAAGCAGCCAGCACAGAATTGGTAAAGAATCCAGTACAGAAAGCAGTTCGCCCCAG
 GGCCCCCTCCCTCCCAACGATGAAGCAGACGAATCTCCAGCTTATGTCAGTGAGAAGATGTCGCTCCTT
 CACAAAAGTGGGAAAGACTGGAAGAGACAGAACACAGACTGGCTAGTGGTGACGGTGACGAAGAACAGG
 ATGAAGAGACGGAAGACGAAGAGACGGAAGATCATCTGGGAAAAGCAAGAGAGCCTCACACTGAATCTGT
 TGTCAAGTATTGAGGAGGCACAGAAGTCAAGGAAGTTTCTGTGCAGTTCTTAAACAGAGATGATGATGAT
 GAAGATGGACCTGATGCTGACTTCTCACAGTGAAGCGGCGGGATGTGTTTGGGTTGGATCTTAAAGAGA
 ATGAAGCACTGTGCAAAAAAGAACCTTCTAAATCCAGTGTCAAGAAAAAATAACAAAGTTGCAGAAGC
 AAAAAAGTAATGAAAAGAAGTTTTAAAGTGAACAAGAAAAATAACATTTACTGATGAAGGGGAGTTGGTT
 CAGCAGTGGCCACAGATTCAGAAATGTGCTATAAAAAGATGTGGAGGAAGAAGATGACACTGGTGGTATCA
 ACCTAGACAAAGCAAAGGAAAGGCTTCAGGAAGAGGACAAATTTGACAAAGAAGAATACAGGAAGAAAAA
 TAAGGCAAAAGCACCGGAAAGACGGCTAAAAGAAAGAGAGGCCAGAAGAGAAGCCAAACAAAAGCAAGCA
 AAGGCCAGAGATGAAGAGGAAGCCTTTCTGGACTGGAGTGTGAAGATGATGGTGGGTTTGTCCAAAGTA
 CACTTCCAGATCCTGACAAGCACAGAAGTTCTGAAGAGTCGGAGAGTGAAGATACAAACCATAAGATGAG
 TGACACCAAGAAGAAGCAGGAAACAAGGAAGAGAAAACAACACTGAAGACGATGATGTAAGACCAAGAAGT
 CGTCATGGAAAGAAGGCCAAGTGGGAAACGGTAGAACCTTTGGATACAGGCCTGTCTTTAGCAGAGGATG
 AAGAGCTGGTGTACATCTCTCAAAGTCAAAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_029936
Insert Size: 2628 bp

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| 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: | <ol style="list-style-type: none">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_029936.2 , NP_084212.2 |
| RefSeq Size: | 3368 bp |
| RefSeq ORF: | 2628 bp |
| Locus ID: | 77591 |
| UniProt ID: | Q80Y44 |
| Cytogenetics: | 9 A5.3 |
| Gene Summary: | Putative ATP-dependent RNA helicase.[UniProtKB/Swiss-Prot Function] |