

## Product datasheet for **MC206158**

### **Ddx17 (BC062910) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ddx17 (BC062910) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ddx17
Synonyms:	MGC79147
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC062910  
 GTTGCTGGGAAGGAAGGGAGACGCCTCAACCGTGGCACCGCCCGTTTGGAGCGGGACCAGACCTCCCGAC  
 TGTCTTAAACAACCCCGATTCTCTGAGTTGTGCTCCCGTCTCCGACGAGAGAGGGCGGCACGGTGGCGTCT  
 GCGACGGGAGACAGCGCGTCGGAGCGAGACAGCGCCGCGCTGCCGCGCCCAACAGCGGAGGCGCCGC  
 CGCCGCCATCGGTCATCACTAGACCCGAGCCGAGGCCCTCCCGAGCTCGGTCATCCGTGCCCGCTCCC  
 AGATCTTTATCCGTTTGGGACCATGCGTGGAGGCGGCTTGGGGATCGGGATCGTGACAGGACCGTTGGA  
 GGGTTGGAGCAAGAGGTGGTAGTGGGCTTCCCCTAAGAAGTTGGTAATCCTGGGGAGCGGTTACGAA  
 AAAAGAAGTGGGATTTGAGTGAACCTCCCTAAATTTGAGAAGAATTTTATGTTGAGCATCCAGAAGTAGC  
 AAGACTGACTCCGTATGAGGTTGATGAGCTACGGCGTAAGAAAGAGATTACAGTGAGAGGGGAGATGTT  
 TGTCCAAAACCTGTCTTTGCCTCCATCATGCTAACTTCCACAGTATGTGATGGATGTGCTGATGGATC  
 AGCACTTTACAGAACCCACTCCCATTAGTGCCAGGGATTTCTTTGGCTCTTAGTGGCAGGGATATGGT  
 TGGCATTGCACAGACTGGCTCTGGGAAGACATTGGCGTATTTGCTGCCTGCGATTGTTATATAAACAC  
 CAGCCATACTGGAAAGAGGAGATGGTCCAATTTGTCTAGTGTGCTCCTACCAGAGAGCTTGCAGCAGC  
 AGGTGCAGCAGGTGGCTGACGATTATGGAAAATGCTCCAGGTTGAAGAGTACGTGCATTTACGGAGGTGC  
 TCCTAAAGGTCCCAAATTCGAGACTTGGAAAGAGGTGTTGAGATTTGCATAGCCACTCCTGGGCGCCTA  
 ATAGATTTCTGGAGTACAGAAAGACAAACCTTCGCCGATGTACTTACCTTGTGTTGGATGAGGCTGACC  
 GGATGCTTGATATGGGCTTTGAGCCCCAGATCCGTAATAATTTGTTGATCAAATCAGGCCTGACCGGACAG  
 ACTGATGTGGAGTGCAACCTGGCCGAAGGAAGTGAGGCAGCTTGCAGAGGATTTCTGCGGGACTACACC  
 CAGATCAATGTGGGCAATCTGGAGCTGAGTGCCAAACCACAACATCCTACAGATTGATAGTGTCTGTATGG  
 TGAGTGAAAAAGACCACAAATTTGATCCAGCTGATGGAGGAAATCATGGCGGAAAAGGAAAATAAGACTAT  
 AATATTTGTGGAGACAAAGAGGCGCTGTGATGACCTCACACGAAGAATGCGCAGATATGTTGGCCCTGCT  
 ATGTGTATCCATGGAGACAAGAGTCAACCAGAAAGAGATTGGGTACTTAAATGAGTCCGATCTGGAAGG  
 CTCTATCCTCATTGCCACGGATGAGCCTCCCGTGGGCTAGGTTTGTATAGATAGGTGTTCTATCAGT  
 GCTTTGTTTATCTTTGGTTTAAAAAATTTTTTTTGTGTCATGTCAGATTTGCAATTTGATGTACATGAGTC  
 TAGTTAAAAGAGGTATAAGTGTGATTTTTTTTTTTTCCCTCCCTGCAACTTTCTTTAACCTTCATGGG  
 GGTTTTATTATTATTTGGGTTTTCTGTGGTCCACCCCGTTTTTTTCAAAGTTCCGTCTGGCTCCTA  
 GCAGTCTTTGGTCTGTAACAAGGCTTAGACATGACTATTAATACAGTTTTATGGCTGGATAGAAGGAG  
 CCTAATTAGACCTAGCCATCAGAAGCTGGTTTCTTTAGTTTTCCCTTATACTAGTCTGTTACTATAGAA  
 ACAGGGAGACCACTTCATGAACATTCACCTAGGGGTTTTGATTGCTCTCTATATAATGTCATTCTATTCA  
 GTCTGCATTGCCAGTATTACTTCAGTAATATGATTGTCAGTTATCCCTCCCTTTACCCGTTGTTTGGCC  
 TTAGACATGTTTTCCGGTTTAGAACTTGATCTGAAGATAATCTGAAGTTTTCAACTCCTGCTTTAAATA  
 CATACAGATAGCCAGCCTATGACACGCTGACCCAGAATGTTACATGTATAAGGATTATCTGGGTGTGGT  
 AATACACACCTTTGATCCCCACACTTGGGAGACAGAGGCATGGTTTTCTTAGTTTGGAGGCAACCTGGTA  
 TGCATAGTGAGTTGTAGACCAGCCAGGGCTACACTGCTAGGCTCTGTCTCCAGAAAAAGATTTCTTACAG  
 CTAGGCATGGTAGTATATGCCTGTAATTCAGCACTTGGAAACCTTAGGCAAGAGATTCATTTGTTTGA  
 GGGCAACCTACGTTAAATAGCAGGGTCTGTGTTTAGAGAGCTGGGGTGATTTCTGTTGGGAGGGAACCAT  
 TATTGATGTGTTAATTTCTGCTGAGTAAGGTGAGAAGTACCAAGTTTCCCTGTGCAATTTAACATAGA  
 GATGATAAGTATTGAAATGAGTTTCAGCAGTGTGGAGCCTTTTTATCCATTCAATTTTACTCCTCCTTGA  
 GGTAGTGAGTGACCTGCAGCCATGGTGGGAAGTTGTCTTCCCTCCGAGGTCATCTCTGGGTCTGTGCC  
 CTTAGAACCAGGGCCTGGGAGAGGAGGAGCAAGCCTGAAAGCAATTTACATAAAAAAGCTTTCAGTAAATGG  
 TGGTTTTTAAACAGGCTTGCTATGTGCTGGTAGCTTCTTTGTGCATCTTGCCTAGACAATTAATAATTT  
 GTTCTGTCAA

**Restriction Sites:** Ascl-NotI  
**ACCN:** BC062910  
**Insert Size:** 1224 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC062910</a> , <a href="#">AAH62910</a>
<b>RefSeq Size:</b>	2846 bp
<b>RefSeq ORF:</b>	1224 bp
<b>Locus ID:</b>	67040
<b>Cytogenetics:</b>	15 E1
<b>Gene Summary:</b>	This gene encodes the mouse homolog of human DEAD box polypeptide 17. DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD). RNA helicases of the DEAD-box family are involved in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and splicesosome assembly. Alternative splicing of this gene results in several transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]