

## Product datasheet for **MC205691**

### **Ddx41 (NM\_134059) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ddx41 (NM_134059) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ddx41
Synonyms:	2900024F02Rik; AA958953; ABS; AI324246
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC011308  
 CTAAGATGGAGGATTCGGAACCGGAGCGGAAGCGGGCACGCGCGGACGAGGCGACCGCGGGTGGGAGCCG  
 CTCCGAGGACGAGGATGAGGACGACGAGGACTACGTACCCTATGTGCCGTTGCGGCAGCGCCGGCAGCTA  
 CTGCTCCAGAAGCTGCTGCAGCGAAGACGCAAGGGCGCTACGGAGGAAGAGCAGCAGGACAGTGGCAGTG  
 AGCCCCGAGGAGATGAGGACGACATCCCCTGGGCCCTCAGTCCAATGTCAGCCTCCTGGATCAGCACCA  
 GCACCTCAAAGAGAAGGCTGAAGCACGCAAGGAGTCCGCCAAGGAAAAGCAACTGAAGGAAGAAGAAAAG  
 ATTCTGGAGAGTGTGGCTGAAGGCCGAGCCTTGATGTCAGTGAAGGAAATGGCCAAGGCATCACCTATG  
 ACGATCCAATCAAACCTAGTTGGACACCCCGCGTTATGTCCTGAGCATGTCTGAGGAGCGCATGAGCG  
 AGTTCCGGAAGAAGTATCACATCCTGGTGGAGGGCGATGGTATCCCGCCACCCATCAAGAGCTTCAAGGAG  
 ATGAAGTTTCTGCAGCTATCCTTCGGGGCCTGAAAAAAGGGCATCCTCCACCCAACACCCATTGAGAG  
 TCCAGGGCATCCCTACCTTCTGTCCGGTGGGACATGATCGGCATTGCCTTACGGGGTTCAGGCAAGAC  
 ACTGGTATTCAGTCTGCCAGTATCATGTTCTGCCTGGAACAGGAGAAGCGGTTGCCTTTCTCAAGCGA  
 GAGGGGCTTATGGGCTCATCTGCCCCTCGCGAGAGCTGGCTCGGCAGACCCACGGCATCCTGGAGT  
 ATTACTGCCGTCTGCTGCAGGAGGACAGCTCACCCCTCCTGCGCTGTGCCCTCTGCATCGGGGGCATGTC  
 GGTGAAGGAGCAGATGGAGACCATCCGACATGGTGTGCACATGATGGTAGCCACACTGGACGCCTCATG  
 GATTTGCTGCAGAAGAAAATGGTCAGCCTAGACATCTGCCGCTACCTAGCCTGGATGAAGCTGACCGCA  
 TGATTGACATGGGCTTTGAGGGTGACATTCGTACCATCTTCTCCTACTTCAAGGGCCAACGGCAGACTCT  
 GCTCTTCAAGTCCACCATGCCGAAGAAGATTCAAACCTTTGCCAAGAGTGCCTTGGTAAAGCCTGTCAAC  
 ATCAATGTGGGTCTGCTGGAGCAGCCAGCCTTGATGTATCCAGGAGGTGGAGTATGTGAAGGAGGAAG  
 CCAAGATGGTGTACTTGTCTTGTGCTGCAGAAACACCCCACTGTGCTCATCTTGCAGAGAAGAA  
 AGCAGATGTGGATGCCATTCACGAATACCTCCTGCTCAAGGGTGTGAGGCTGTAGCCATTATGGGGGC  
 AAAGACCAGGAAGAGCGGACCAAGGCCATTGAGGCATTCGGGAAGGCAAGAAGGACGCTTATGTTGCCA  
 CAGATGTGGCCTCTAAAGGCCTGGACTTTCCTGCCATCCAGCATGTCATCAACTATGACATGCCTGAAGA  
 GATAGAAAACATATGTGCACAGAATTGGCCGCACTGGGCGTTCAGGAAACACAGGCATCGCTACCACCTT  
 ATCAACAAGCCCTGCGATGAGTCAAGTGTGCTCATGGACCTCAAGCCTTGTGCTGGAGGCCAAGCAGAAGG  
 TACCACCTGGTCTGCAAGTGTGCACTGTGGGACGAGTCCATGCTGGACATTGGAGGAGAACGGGGCTG  
 TGCCTTCTGTGGAGGCCTTGGCCATCGGATCACTGACTGCCCCAACTTGAAGCTATGCAGACCAAGCAG  
 GTCAGCAACATTGGCCGCAAGGACTACCTGGCCACAGCTCCATGGACTTCTGAGCCGTCTGACTTCTCT  
 CTTCTCCCAAGAGTCCAATGCTAGGACACTGGCCATGTGCACACCAGCACTCAAGACAAGAAGCCAGCC  
 TCCCGGCCAGCTGGCCTGGGCAGCCCCAGTGCCTCAGAATTACTATTTTTGTTCTCCTCCCCAGCATT  
 AAAGCACAAATCCCTTTTCTTGAIAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_134059

**Insert Size:** 1869 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:** [BC011308](#), [AAH11308](#)

**RefSeq Size:** 2068 bp

**RefSeq ORF:** 1869 bp

**Locus ID:** 72935

**UniProt ID:** [Q91VN6](#)

**Cytogenetics:** 13 B1

**Gene Summary:** Probable ATP-dependent RNA helicase. Is required during post-transcriptional gene expression. May be involved in pre-mRNA splicing.[UniProtKB/Swiss-Prot Function]