

## Product datasheet for MC223292

### Ddx46 (NM\_145975) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ddx46 (NM\_145975) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ddx46  
**Synonyms:** 2200005K02Rik; 8430438J23Rik; AI325430; AI957095; mKIAA0801  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC223292 representing NM\_145975  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGGCCGGGAGTCTCGCCACTACCGAAAACGCTCAGCATCTCGAGGTCGTTCTGGAAGTCGATCGAGGA  
 GTCGCTCACCCCTCTGACAAAAGAAGCAAACGTGGGGATGACAGACGCTCTCGGAGCAGAGACAGAGACCG  
 GAGGAGAGAGAGGTCTCGGAGTAGGGACAAGAGAAGATCTCGGTCAAGGGACAGGAAGCGCCTGAGGCGC  
 TCCAGAAGTAGAGAGCGAGACAGAAGCCGAGAGCGGAGAAGATCTCGGAGCAGAGATAGAAGGCGCTCAA  
 GGAGTCGAAGCCGGGGCAGGCGGTCCCGTCTCCAGTCTGGCAGCAAAACCAAGAAGACTGAGAACAG  
 GTCTAGGTCCAAAGAGAAAGCAGAAGGTGGGGACAGCTCCAAGGAGAAGAAAAGGACAAGGATGACAAG  
 GAGGACGAGAAAGAGAAGGATGCTGGGAACTTTGACCAGAATAAACTGGAAGAAGAAATGAGAAAACGGA  
 AAGAAAGAGTTGAAAAATGGCGCGAAGAGCAGCGTAAGAAGGCTATGGAGAACATAGGAGAGCTGAAGAA  
 GGAGATTGAGGAGATGAAGCAGGGGAAGAAGTGGAGCTTGGAGGACGACGACGATGATGAAGATGATCCT  
 GCCGAGGCTGAGAAGGAAGGGACTGAAATGGAGGACGAGGAGCTGGACCCATTAGACGCCATACATGGAAG  
 AAGTGAAGGAAGAGGTAATAAAGTTTAAACATGAGGAGCGTGAAAGCGGGCAGGAAATGAGAAGAAGTC  
 TGGGCCAACAGTCAAAAAGTTGCACTGTGGTACCACCAAGAAAGCAGTAGTAGACGCGGATAAGAAG  
 AAGGGGAACTCATGGAGAATGACCAGGACCCATGGAGTATTCCTCAGAGGAGGAGGAAGTTGACCTTC  
 AAACGGCCCTCACAGGCTACCAGACAAAACAGAGAAAACCTTCTAGAGCCAGTTGATCATGAAAAATTGA  
 ATATGAGCCATTCAGAAAAACTTTTATGTTGAAGTCCAGAATTAGCAAAAATGTCTCAAGAAGAGGTG  
 AATGTGTTTCGATTGAAATGGAGGGCATTACAGTTAAAGGAAAAGGTTGCCCGAAACCAATTAATCAT  
 GGGTCCAGTGTGGAATTTCCATGAAGATACTAAATCCCTCAAAAAGCATGGCTATGAAAAGCCAACACC  
 AATCCAACTCAAGCGATTCTGCTATAATGTCTGGACGAGATTTGATTGGCATTGCCAAGACAGGAAGT  
 GAAAAACCATTTGCTTTTCTTTTGGCCATGTTTAGACACATCATGGATCAGAGGTCATTAGAAGAAGGAG  
 AGGGACCAATAGCTGTATCATGACTCCAACCTCGAGAGCTGGCTTACAATCACTAAAGAATGTAAAGAA  
 GTTTTCGAAGACCTTGGGACTGAGAGTGGTCTGTGTGTATGGAGGGACAGGAATCAGCGAGCAGATTGCT  
 GAGCTGAAAAGAGGTGCTGAAATTATTGTTGCACACCTGGTCAATGATTGACATGTTAGCGGCTAACCA



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GTGGTCGGGTCACAAATCTTCGAAGAGTGACATATGTTGTTTTAGATGAAGCAGACAGAATGTTTGACAT
GGGTTTTGAACACAGGTCATGCGCATTGTGGATAACGTTTCGTCCTGACCGACAGACAGTTATGTTTTCA
GCCACTTCCCTAGAGCTATGGAGGCTTTGGCCCGCAGGATCCTGAGCAAACCTATTGAAGTGCAGGTTG
GAGGCAGGAGTGTGGTTTGTCCGATGTGGAACAGCAGGTGATTGTGATTGAAGAAGAAAAGAAATCTT
GAAATTGCTGGAGCTTTTAGGCCATTATCAGGAGTCAGGATCTGTATTATTTGTGGATAAGCAGGAA
CACGCAGATGGTCTTCTGAAGGACTTGATGAGAGCATCGTACCCTTGCATGTCTTTCACGGAGGTATTG
ATCAATATGACAGGGACAGTATCATAAATGACTTTAAGAATGGAACCTGCAAGCTCCTCGTTGCCACATC
TGTTGCAGCTCGTGGTCTCGATGTGAAACATCTAATTCTTGATAGTGAATTACAGCTGCCCAATCATTAT
GAAGATTATGTGCACAGAGCTGGGCGGACTGGAAGAGCGGCAACAAGGGTTATGCCTACACCTTCATCA
CAGAGGATCAAGCTCGATATGCTGGTGACATCATTAAAGCTCTTGAATTGTGAGGACCGCAGTGCCTCC
TGACCTAGAAAACTCTGGAGTGACTTCAAAGATCAACAGAAAGCTGAAGGAAAAATAATTAAGAGAGT
AGTGGCTTCTCTGGCAAGGGATTCAAGTTTGTGAAACAGAACAGGCTTTAGCCAATGAGAGGAAAAAGC
TGCAGAAAGCTGCTCTTGGCCTGCAAGATTCTGATGACGAGGATGCTGCAGTTGATATTGATGAACAGAT
TGAAAGCATGTTAATTCAAAGAAGAGAGTAAAGGACATGGCTGCACCCGGCACATCCAGCGTGCCCGCG
CCCCTGCAGGCAATGCTGAGAAGCTAGAAATCGCCAAGAGATTGGCTCTCAGAATCAACGCTCAGAAGA
ACCTGGGCATCGAGTCTCAGGATGTGATGCAGCAGGCCACCAACGCCATCCTCAGAGGTGGCACTATCCT
GGCTCCCCTGTGTCTGCGAAAACCATTCAGAGCAGCTTGTGAGAAGTCAATGCCAAGCTCAACTAC
GTGCCCTTGGAGAAGCAGGAGGAAGAGAGACAGGAGGGTGGGAGAGCGAGTCTTCAAGAGATACGAGG
AAGAATTAGAAATTAATGACTTCCCACAGACTGCGAGGTGGAAAGTCACTCAAAGGAAGCCCTGCAGAG
GATCAGCGAGTACTCTGAGGCCGCCATCACCATCAGGGGCACCTACTTCCCTCCCGGCAAGGAGCCCAAG
GAAGGAGAGCGCAAGATCTACCTGGCCATCGAAAGTGCCAACGAGCTGGCTGTGCAGAAAGCAAAGGCAG
AGATCACCAGGCTCATAAAGAGGAACTGATCCGACTGCAAAATTCATACCAACCAACCAACAAAGGACG
ATACAAAGTATTATAA
    
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**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_145975
- Insert Size:** 3096 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\\_145975.3](#), [NP\\_666087.3](#)
- RefSeq Size:** 5673 bp
- RefSeq ORF:** 3096 bp

Locus ID: 212880

Cytogenetics: 13 B1

Gene Summary: Plays an essential role in splicing, either prior to, or during A complex formation.  
[UniProtKB/Swiss-Prot Function]