

Product datasheet for MC229291

Ddx46 (NM_001282055) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ddx46 (NM_001282055) 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: >MC229291 representing NM_001282055
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCCGGGAGTCTCGCCACTACCGAAAACGCTCAGCATCTCGAGGTCGTTCTGGAAGTCGATCGAGGA
 GTCGCTCACCCCTCTGACAAAAGAAGCAAACGTGGGGATGACAGACGCTCTCGGAGCAGAGACAGAGACCG
 GAGGAGAGAGAGGTCTCGGAGTAGGGACAAGAGAAGATCTCGGTCAAGGGACAGGAAGCGCTGAGGCGC
 TCCAGAAGTAGAGAGCGAGACAGAAGCCGAGAGCGGAGAAGATCTCGGAGCAGAGATAGAAGGCGCTCAA
 GGAGTCGAAGCCGGGGCAGGCGGTCCCGTCTCCAGTCTGGCAGCAAAACCAAGAAGACTGAGAACAG
 GTCTAGGTCCAAAGAGAAAGCAGAAGGTGGGGACAGCTCCAAGGAGAAGAAAAGGACAAGGATGACAAG
 GAGGACGAGAAAGAGAAGGATGCTGGGAACTTTGACCAGAATAAACTGGAAGAAGAAATGAGAAAACGGA
 AAGAAAGAGTTGAAAAATGGCGCGAAGAGCAGCGTAAGAAGGCTATGGAGAACATAGGAGAGCTGAAGAA
 GGAGATTGAGGAGATGAAGCAGGGGAAGAAGTGGAGCTTGGAGGACGACGACGATGATGAAGATGATCCT
 GCCGAGGCTGAGAAGGAAGGACTGAAATGGAGGACGAGGAGCTGGACCCATTAGACGCCATACATGGAAG
 AAGTGAAGGAAGAGGTAATAAAGTTTAAACATGAGGAGCGTGAAAGCGGGCAGGAAATGAGAAGAAGTC
 TGGGCCAACAGTCAAAAAGTTGCACTGTGGTGACCACCAAGAAAGCAGTAGTAGACGCGGATAAGAAG
 AAGGGGAACTCATGGAGAATGACCAGGACCCATGGAGTATTCCTCAGAGGAGGAGGAAGTTGACCTTC
 AAACGGCCCTCACAGGCTACCAGACAAAACAGAGAAAACCTTCTAGAGCCAGTTGATCATGAAAAATTTGA
 ATATGAGCCATTGAAAAAACTTTTATGTTGAAGTTCCAGAATTAGCAAAAATGTCTCAAGAAGAGGTG
 AATGTGTTTCGATTGAAATGGAGGGCATTACAGTTAAAGGAAAAGGTTGCCCGAAACCAATTAATCAT
 GGGTCCAGTGTGGAATTTCCATGAAGATACTAAATCCCTCAAAAAGCATGGCTATGAAAAGCCAACACC
 AATCCAACTCAAGCGATTCTGCTATAATGTCTGGACGAGATTTGATTGGCATTGCCAAGACAGGAAGT
 GAAAAAACCATTTGCTTTTCTTTGCCCATGTTTAGACACATCATGGATCAGAGGTCATTAGAAGAAGGAG
 AGGGACCAATAGCTGTATCATGACTCCAACCTCGAGAGCTGGCTTTACAATCACTAAAGAATGTAAAGAA
 GTTTTCGAAGACCTTGGGACTGAGAGTGGTCTGTGTGTATGGAGGGACAGGAATCAGCGAGCAGATTGCT
 GAGCTGAAAAGAGGTGCTGAAATTATTGTTGCACACCTGGTCAATGATTGACATGTTAGCGGCTAACCA



[View online >](#)

GTGGTCGGGTCACAAATCTTCGAAGAGTGACATATGTTGTTTTAGATGAAGCAGACAGAATGTTTGACAT
 GGGTTTTGAACCACAGGTCATGCGCATTGTGGATAACGTTTCGTCCTGACCGACAGACAGTTATGTTTTCA
 GCCACTTCCCTAGAGCTATGGAGGCTTTGGCCCGCAGGATCCTGAGCAAACCTATTGAAGTGCAGGTTG
 GAGGCAGGAGTGTGGTTTGTCCGATGTGGAACAGCAGGTGATTGTGATTGAAGAAGAAAAGAAATCTT
 GAAATTGCTGGAGCTTTTAGGCCATTATCAGGAGTCAGGATCTGTCATTATTTGTGGATAAGCAGGAA
 CACGCAGATGGTCTTCTGAAGGACTTGATGAGAGCATCGTACCCTTGCATGTCTCTTACGGAGGTATTG
 ATCAATATGACAGGGACAGTATCATAAATGACTTTAAGAATGGAACCTGCAAGCTCCTCGTTGCCACATC
 TGTTGCAGCTCGTGGTCTCGATGTGAAACATCTAATTCTTGATAGTGAATTACAGCTGCCCAATCATTAT
 GAAGATTATGTGCACAGAGCTGGGCGGACTGGAAGAGCGGCAACAAGGGTTATGCCTACACCTTCATCA
 CAGAGGATCAAGCTCGATATGCTGGTGACATCATTAAAGCTCTTGAATTGTGAGGACCGCAGTGCCTCC
 TGACCTAGAAAACTCTGGAGTGACTTCAAAGATCAACAGAAAGCTGAAGGAAAAATAATTAAGAGAGT
 AGTGGCTTCTCTGGCAAGGGATTCAAGTTTGTGAAACAGAACAGGCTTTAGCCAATGAGAGGAAAAAGC
 TGCAGAAAGCTGCTCTTGGCCTGCAAGATTCTGATGACGAGGATGCTGCAGTTGATATTGATGAACAGAT
 TGAAAGCATGTTAATTCAAAGAAGAGAGTAAAGGACATGGCTGCACCCGGCACATCCAGCGTGCCCGCG
 CCCACTGCAGGCAATGCTGAGAAGCTAGAAATCGCCAAGAGATTGGCTCTCAGAATCAACGCTCAGAAGA
 ACCTGGGCATCGAGTCTCAGGTAGATGTGATGCAGCAGGCCACCAACGCCATCCTCAGAGGTGGCCTAT
 CCTGGCTCCCCTGTGTCTGCGAAAACATTGCAGAGCAGCTTGCTGAGAAGATCAATGCCAAGCTCAAC
 TACGTGCCTTTGGAGAAGCAGGAGGAAGAGAGACAGGAGGGTGGGCAGAGCGAGTCTTTCAAGAGATACG
 AGGAAGAATTAGAAATTAATGACTTCCCACAGACTGCGAGGTGGAAGTCACCTCAAAGGAAGCCCTGCA
 GAGGATCAGCGAGTACTCTGAGGCCGCCATCACCATCAGGGGCACCTACTTCCCTCCCGCAAGGAGCCC
 AAGGAAGGAGAGCGCAAGATCTACCTGGCCATCGAAAGTGCCAACGAGCTGGCTGTGCAGAAAGCAAAGG
 CAGAGATCACCAGGCTCATAAAGAGGAACTGATCCGACTGCAAAATTCATACCAACCAACCAACAAAGG
 ACGATACAAAGTATTATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001282055

Insert Size:

3099 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).

OTI Annotation:

Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001282055.1](#), [NP_001268984.1](#)

RefSeq Size:	5715 bp
RefSeq ORF:	3099 bp
Locus ID:	212880
UniProt ID:	Q569Z5
Cytogenetics:	13 B1
Gene Summary:	Plays an essential role in splicing, either prior to, or during A complex formation. [UniProtKB/Swiss-Prot Function]