

Product datasheet for **MC200954**

Ddx19a (NM_007916) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx19a (NM_007916) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ddx19a
Synonyms:	DBP5; Ddx19; Eif4a-rs1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC011270 sequence for NM_007916
 GCGCGGGCTTGCCTTCGGCGCTGGTGTGGCGGGGCGCGGAGCATCTCTGCAGGTCGGCTCGCGTCGGGA
 CCATGGCCACCGACTCATGGGCGCTGGCGGTGGACGAGCAGGAAGCCGCTGTCAAGTCGATGAGCAGTTT
 GCAGATCAAGGAAGAGAAAAGTCAAAGCAGACACCAATGGTGTATCAAAACCAGCACCCTGCAGAAAAG
 ACAGAGGAAGAGGAGAAAAGAGGACAGAGCTGCTCAGTCTTTACTCAACAAGCTGATCAGAAGCAATCTTG
 TGGATAACACCAACCAAGTGAAGTCTGCAGAGGGACCAAGCTCCCGCTCTACTCAGTGAAGTCCTT
 CGAAGAGCTTCGCTGAAACCTCAGCTTCTCAAGGAGTCTACGCCATGGGCTTCAATCGACCATCCAAG
 ATCCAGGAGAATGCTCTACCCATGATGCTTGTGAACCCACACAGAACCTGATTGCACAGTCCCAGTCTG
 GTACTGGGAAAACAGCTGCCTTTGTCTAGCTATGCTCAGCAGAGTGGAACCAGCAGACAGATATCTCA
 GTGTTTGTGCCTGTCCCAACATATGAGCTGGCATTACAAACTGGAAAAGTGATTGAGCAGATGGCAAG
 TTTACCCAGAATTGAAGCTAGCTTATGCTGTTGAGGCAATAAATTGGAGAGAGTCAAGAGGTGAGTG
 AGCAGATTGCTATTGGCACCCCGGGACCGTCTTGGACTGGTGTCCAAGCTGAAGTTCATTGACCCCAA
 GAAGATCAAGGTGTTTGTCTGGACGAGGCTGATGTGATGATAGCGACTCAGGGCCACCAAGACCAGAGC
 ATCCGCATCCAGAGGATGCTGCCAGAACTGCCAGATGCTGCTTTTCTCGGCCACCTTTGAAGACTCGG
 TGTGGAAGTTTGGCCAGAAGGTGGTCCCAGACCCCAACATCATCAAGCTGAAGCGTGAGGAGGAGACTCT
 GGACACCATCAAACAGTACTACGCTCTGCAATAACAGAGAGGAGAAGTTCCAGGCCCTGTGCAACCTG
 TATGGGGCCATCACCATCGCCAAAGCCATGATCTTCTGCCATACCCGCAAAACAGCTAGCTGGCTGGCAG
 CAGAGCTCTAAAAGAGGGCCACCAGGTGGCCCTGCTGAGTGGAGAGATGATGGTGGAGCAGAGGGCTGC
 GGTGATCGAGCGCTTCGAGAAGGCAAAGAGAAGGTTCTGGTGACCACCAACGTGTGTGCCCGTGGTATC
 GATGTTGAACAGGTGCTGTGTCATCAATTTGACCTCCCTGTGGACAAGGACGGGAACCCAGACAATG
 AGACCTACCTGCACCGCATTGGGCGCACTGGCCGCTTTGGCAAGAGGGGTCTGGCGGTGAACATGGTGA
 CAGCAAGCACAGCATGAATATCTCAACAGGATCCAGGAGCATTTAATAAGAAGATAGAAAGACTGGAC
 ACAGATGATTTGGACGAGATTGAGAAAATCGCCAACCTGAGGCGCTCGCTTCTCCATGGGCTGGCGCCACC
 CTCAGCGCTCCCTGCCTGGGAGTCTAGTGCTTTTCATGGCATAGGCCTGACGCACCCCTCAGAGACCACGG
 GCTGAGTAGAGACTACCTACCTCATTGGAATTACGTTTGGACTTGACAAATTTCTGCAAAATAGTAGGGG
 GAAATCTAAGAAAATTTACAATTTAGAATATAGCCCTGGCTTGGTGTGGTGGTGCACACTTTTGGTCCCA
 GCCTTGGAGGGTAGAGACAGGAGGATCTCCATGAATTACAGACCAGCCTGTTTTACTTAATGAGCTCTA
 GGACAGCCAGAGCTATGTAGTGAGCCCTGTCTTGAGGAAAGAACTGAGTTCTCGGCACTATTCCCTTT
 AAAGCCACAGTTTTTCTGTATGGTAATATGGTTGCTAATGCTTGCCTGCAGGCCTTGTGCCACTGG
 TTGGCTCCCTCTGTTTTGACCAATCCTCAACCTTGAATAAATGAGAAGGCAGTTCATAGAGGTGAGGAGA
 GACATTGTATAGCTCACCTGCCTCTCATAGAACCAGTAGAGACTCTGTTCTCCATTCACCCCACTC
 AACCAACCCACCCCCACCCACCCCACTTCCCTGGTGAATGCCTTGGTTATGTCTTTAT
 TCTTCAGATTGGCAGACAAAATGGAAGTCAGCAATCTCAGACTCGAGGGTTCATAGACAATCCCATTGAA
 GATGGAGGTGCTTTCCTCCTGTACATCTAGTCTGTGCCTGGCTCCATTGTTCCAATCCATGGGACTTCA
 TGCCACGTAGCAACTTAGAAAGGAAGTTATGACCAAGCAAAAACCTCTGAATTATGCTATGAGCAGACTTA
 TGGGTTACTTCATACATTGTATGAATAAGGTTTATAAATCAGTGGTAACATGTCATTCTTAGAACTTTA
 ATTATGAGAAAATTTGCTAATCATGATTTGTTATTTGATTTTTCTGCTTACTAGACTAATATATGCTCA
 TAAAAATGTGTATAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_007916

Insert Size: 1437 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: [BC011270](#), [AAH11270](#)

RefSeq Size: 2564 bp

RefSeq ORF: 1437 bp

Locus ID: 13680

UniProt ID: [Q61655](#)

Cytogenetics: 8 E1

Gene Summary: ATP-dependent RNA helicase involved in mRNA export from the nucleus. Rather than unwinding RNA duplexes, DDX19 functions as a remodeler of ribonucleoprotein particles, whereby proteins bound to nuclear mRNA are dissociated and replaced by cytoplasmic mRNA binding proteins (By similarity).[UniProtKB/Swiss-Prot Function]