

Product datasheet for **MC202238**

Ddx18 (NM_025860) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx18 (NM_025860) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ddx18
Synonyms:	2310005B10Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC028246 sequence for NM_025860
 CCACGCGTCCGCCACGCGTCCGGCAATTGCGCACGTGCATCTGTCTCGGTGCAGACGGCTGGGCGGCC
 GGCAAGATGTGCGAGTTACAGATGAACTCCTGCGCAGGAAGATCGAGAAGCGGAATGCCAAGCTGCGGC
 AGCGAAACCTGAAGCTGCAAGAAACATCAGACACAAGCCTGTCCCAACCTCAAAATGGAGATGTGCCTAA
 AGAAACAGGAAAAGGTGGAAGTGAAGAGGCCCTGAAACGTTCTGTGCTGTGGACTCAGCAGAAGCA
 CAAAGTGGAGGCATGCCTGAGGAGACCTTGGAAGTGGCAAGTTAAAAAGTACCCAGAACTCACAA
 CTTTAGCCAACGGAGAAGCAGCACCAACACCACCTCCTGATTGAGAGTAAAAAGAAAAAGAAAAA
 GAGGAAAATGGCAAATGATGCCGGGCTGATACAAAAAAGCGAAAAGTGAAGAAAGTGCTGAGGCTTGT
 GAGGAACCAAGATGATGTGAAAAAGGAGATGACAGCGAGGTGCCAGCCTGCCCTAGGACTGACAG
 GTGCTTTTGAGGACACTTCATTTGCTTCTGTCTAATCTCGTCAATGAGAACACCCTGAAGGCCATAGA
 AGAAATGGGCTTCAAGCGCATGACGGAGATCCAGCATAAAGTATCAGGCCACTTCTGGAAGGCAGGGAC
 CTTCTGGCGGCTGCGAAAACGGCAGTGGCAAAACCTCGCTTTCCTCATCCCTGTGATCGAGCTCATTG
 TCAAGTTGAAGTTCATGCCCAGGAATGGAACAGGAGTCTGATTCTCTCTCTACCAGAGAACTGGCCAT
 GCAGACCTTTGGTGTCTCAAGGAGCTGATGACGCACCACGTTACACGATATGGGCTGATCATGGCGGC
 AGCAACAGGTCTGCCAAGTGCAGAAGCTCCTCAATGGGATCAACATCATCGTGGCCACGCCCGGCCGC
 TCTTGGACACATGCAGAACCGCCAGGTTTATGTACAAGAACCTGCAGTGTCTGGTTATTGATGAGGC
 TGACCGTATCTTGGATGTTGGGTTTGAAGAAGAAATTAAAGCAAATTATTAACCTTTGCCAGCCGTAGG
 CAAACCATGCTCTTTCTGCCACACAACTCGAAAAGTTGAAGACTTGGCAAGAAATTTCTGTAAAAAGG
 AGCCTTTGTACGTGGGTGTTGATGACGACAAAGAGGTTGCCACAGTGGATGGCCTTGAGCAGGGCTATGT
 TGTGTGCTCTGAGAAGAGGTTCTTCTGCTTTTACATTCTTAAGAAGAACCGGAAGAAGAAAGTG
 ATGGTCTTTTTTTCATCTTGATGTCTGTGAAATACCACTATGAGCTGTTGAACTACATTGACCTTCCCG
 TCTTGGCCATCCATGAAAGCAAAAGCAAAATAAGCGAACAACCACGTTTTTCCAGTTCTGCAACGCGGA
 TTCAGGAATACTGCTGTGTACTGATGTGGCAGCCAGAGGCTGGACATCCCCGAAGTGGACTGGATTGTT
 CAGTACGACCTCCCGATGACCCCAAGGAATACATTCATCGTGTGGTGAACAGCCAGGGGCTGAATG
 GAAGAGGGCAGCCCTGCTCATCTGCGCCTGAAGAGTTGGGTTTCTTCGTTACTTGAACAGTCCAA
 GGTTCCATTGAATCAGTTTGACTTCTCCTGGTCTAAAGTTTCTGATATCCAGTCTCAGCTGGAAAACTG
 ATCGAAAAGAACTACTTTCTCCACAAGTCTGCCAGGAAGCATACAAATCCTACATAAGAGCATATGACT
 CTCCTCTCTCAAGCAGATCTTCAACGTGAACAACTTAAATCTGCCTCAGGTTGCTGTCTTTGGTTT
 TAAGGTCCTCTTTTGTGATCTGAATGTGAGCAGCCATGATGGCAAGCTTAAGAAGAGAGGCGGTGGT
 GCGGATTGCGCTACAGAAAACAAAGAAAGTGGAGAAGTCCAAGATCTTTAAACACATCAGTAAGAAGC
 CAGCAGACCGCAGGCAGTTCTCAGCTGAGGCAATCTGCCTTCAGCCTGGACTGACTTTGCCAGCTTCC
 CCCCTCCCAGTACCCTTTAAAAAGGAACCTTATCACCTTAGGATCTTTTGTCTTTACTATGATGATA
 ATATTTATTTTTAAATACTTCCATAAAACAAATTTTATCACTGTAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_025860

Insert Size: 1983 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC028246](#), [AAH28246](#)

RefSeq Size: 2232 bp

RefSeq ORF: 1983 bp

Locus ID: 66942

UniProt ID: [Q8K363](#)

Cytogenetics: 1 E2.3

Gene Summary: Probable RNA-dependent helicase.[UniProtKB/Swiss-Prot Function]