

## Product datasheet for **MR207678**

### **Ddx19b (NM\_172284) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ddx19b (NM_172284) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ddx19b
Synonyms:	2810457M08Rik; 4921519L13Rik; AW260119
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR207678 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCTACGGATTCTTGGGCCCTAGCAGTAGACGAACAGGAAGCCGCAGCTGAGTCTTTGAGCAACTTGC  
 ATCTTAAGGAGGAGAAAATCAAACCAGATGCCAATGGTGTCTGTTGTTAAGACCAATGCAAACACAGAGAA  
 GACAGAGGAAGATGAGAAAGAGGACAGAGCTGCTCAGTCTTTACTCAACAAGCTGATCAGAAATCTT  
 GTGGATAACACCAACCAAGTGGAAAGTCTGCAGAGGGACCAAGCTCCCCGCTCTACTCAGTGAAGTCTT  
 TCGAAGAGCTTCGCCTGAAACCACAGCTTCTCCAGGGAGTCTATGCTATGGGTTTCAACCGCCCTCCAA  
 AATACAGGAAAATGCATTGCCTTTGATGCTTGTGAACCCACAGAACTAATTGCCAGTCTCAGTCT  
 GGTACGGTAAAACAGCTGCCTTTGTTTGGCTGTGCTCAGCCAAGTAGAGCCTGCAAACAAGTTTGCC  
 AGTGTCTCTGCCTCTCTCAACCTATGAGCTTGTCTTCAAACAGGAAAAGTGATTGAGCAGATGGGCAA  
 GTTTTACCCTGAAGCTAGCTTATGCTGTTTCGAGGCAACAATGGAGAGGGGTGAGAAGGTGAGT  
 GAGCAGATTGTCATTGGCACCCCGGGACCGTCTTGGACTGGTGTCCAAGCTGAAGTTCATTGACCCCA  
 AGAAGATCAAGGTGTTTGTCTGGACGAGGCTGATGTGATGATAGCGACTCAGGGCCACCAAGACCAGAG  
 CATCCGCATCCAGAGGATGCTGCCAGAAAAGTCCAGATGCTGCTTTTCTCGGCCACCTTTGAAGACTCG  
 GTGTGGAAGTTTGCCAGAAAGTGGTCCAGACCCCAACATCAAGCTGAAGCGTGAGGAGGAGACTC  
 TGGACACCATCAAACAGTACTACGTCCTCTGCAATAACAGAGAGGAGAAGTCCAGGCCCTGTGCAATCT  
 GTATGGGGCCATCACCATCGCCAAAGCCATGATCTTCTGCCATACCCGCAAAACAGCTAGCTGGCTGGCA  
 GCAGAGCTCTCAAAGAGGGCCACCAGGTGGCCCTGCTGAGTGGAGAGATGATGGTGGAGCAGAGGGCTG  
 CGGTGATCGAGCGCTTCCGAGAAGGCAAAGAGAAGGTTCTGGTGACCACCAACGTGTGTGCCCGGTGAT  
 CGATGTTGAACAGGTGTCTGTCTGCATCAATTTGACCTCCCTGTGGACAAGGACGGGAACCCAGACAAT  
 GAGACCTACCTGCACCGCATTGGGCGCACTGGCCGCTTTGGCAAGAGGGGTCTGGCGGTCAACATGGTGG  
 ACAGCAAGCACAGCATGAATATCCTCAACAGGATCCAGGAGCATTTTAATAAGAAGATAGAAAGACTGGA  
 CACAGATGATTTGGACGAGATTGAGAAAATCGCCAAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207678 protein sequence  
 Red=Cloning site Green=Tags(s)

MATDSWALAVDEQEAAAESLSNLHLKEEKIKPDANGAVVKTNANTEKTEEDEKEDRAAQSLNKLIRSNL  
 VDNTNQVEVLQRDPSSPLYSVKSFEELRLKPQLLQGVYAMGFNRPSKIQENALPLMLAEPQNLIAQSQS  
 GTGKTAAFVLAVLSQVEPANKFAQCLCLSPTYELALQTGKIVIEQMGKFPYELKLAYAVRGNKLERGQKVS  
 EQIVIGTPGTVDWCCLKFIDPKIKVFLDEADVMIATQGHQDQSIRIQRMLPRNCQMLLF SATFEDS  
 VWKFAQKVVPDPNIIKLRKEEELDTIKQYYVLCNNREEKFQALCNLYGAIITIAQAMIFCHTRKTASWLA  
 AELSKEGHQVALLSGEMMVEQRAAVIERFREGKEKVLVTNVCARGIDVEQVSVVINFDLPVDKDGNPDN  
 ETYLHRIGRTGRFGKRGLAVNMVDSKHSMNILNRIQEHFNKKIERLDTDDLDEIEKIAN

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_172284

**ORF Size:** 1440 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_172284.5](#)

**RefSeq Size:** 6639 bp

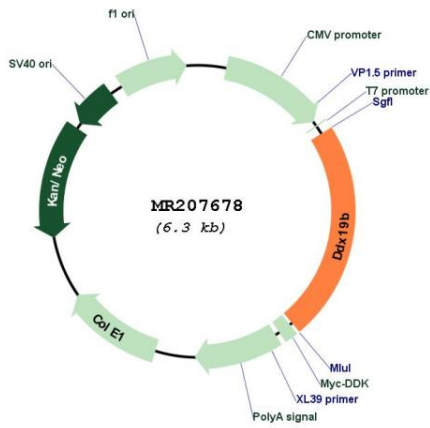
**RefSeq ORF:** 1440 bp

**Locus ID:** 234733

**Cytogenetics:** 8 E1

MW: 53.9 kDa

Product images:



Circular map for MR207678