

## Product datasheet for **MR209475**

### **Ddx59 (NM\_026500) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ddx59 (NM_026500) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ddx59
Synonyms:	1210002B07Rik; 4833411G06Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR209475 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTTTGTCCAAGATCTTTGAAAAACAAGAGGAGTTCTAATGATGACCTCAAAGCGGTGAAGCTAAAA  
 AAAGCAAGCCAGAAGCAGGAGGCCCTTCAGGTGGAGGGAGACAGAGATACTCCGGTCCACACATCAGTCAC  
 TGAGGAAGCTGTACAGCAGACAAGCCCGCCATGCATCAAGCACCAACAGTCCTTCTTGCCAGTTGGCT  
 GAGGTTTCTTCCACAGGACCTGATGAGGGTGTGAAGGACAGCCACCCATCTGAAGAGCCTGTAAAGTCGT  
 TTTCTAAAACCCAGCGGTGGCCAGAGCCTGGGGAGCCTGTATGTGTGCTGCGGTGTTATGGAGAGTA  
 TATCTGTGACAAGACGGACGAAGACGTGTGTAGCTTGGAGTGCAAAGCGAAGCATCTGCTACAAGTTAAG  
 GAAGGGGAAGGATCATTAAAGACCAGCAGCCACAGAGAGTGGCTGCCGAGCCAGAGTCCCCTGGATG  
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 GCAGCTAGGAATCTCAGTTCAAGGACAAGACGTTGCCAGGCCATTATCGACTTCGAGCACTGTGGCTTC  
 CCTGAGACCTTAAATCAGAACTTGAAGAAATCAGGCTACGAAGTGCCAACCCCTCCAGATGCAGATGA  
 TTCTGTGGGGCTCCTGGGAAGGGACATTCTGGCCAGCGCTGACACTGGCTCAGGAAAAACAGCTGCTTT  
 TCTCCTGCCTGTTATTATCCGAGCTTCTCTGAGGATAAACTCCATCCGCACTATTCTCACACCGACA  
 AGAGAAGTGGCCATTAGATAGAGAGGCAGGCCAAGGAAGTGTGAGTGGTCTGCCTCGCATGAAGACAG  
 TGCTTCTCGTAGGGGGCTTACCTCTGCCCCACAGCTCTATCGTTACGGCAGCATGTTAAGGTTATCAT  
 AGCAACCCCTGGACGACTTCTGGATATAATTAACAGAGCTCCGTATCACTCAGTGGCATAAAAAATTGTC  
 GTAGTAGACGAAGCTGACACCATGTTGAAGATGGGCTTTCAGCAGCAAGTGTGACGTTTTGGAACACA  
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 ATCCTGTGGGTAGAAGACCCAGCTAAAAAGAAATTTTGAATCCTAAATGATCAGAAGCTCTTTA  
 AGCCTCCAGTGTTAGTATTCTGTGGACTGCAAACACTAGGCGCAGATCTGTTGAGCGAGGCGGTTCAGAAGAT  
 CACAGGTCTGAACAGCACATCCATCCACTCAGAGAAGTCTCAGGTGAAAGGAGGGACATCTGAAGGGA  
 TTAAGTGAAGGAGACTATGAGGTCGTGGTGAACACGGGGTCTGGGTGCGGGCCTAGACTTGGTCAACG  
 TCAAGCTGGTGTGAATTTGATATGCCTCAAGCATGGATGAGTATGTGCACCAGGTTGGCAGAGTTGG  
 GAGACTCGGTCAAATGGAAGTCAATCACATTCAATAACAACCTCTAAAAGACTCTTCTGGGATGTT  
 GCCAAAAGAGTGAAGCCACGGGATCCATTCTCCCGCCACAGCTATTAATTCCTTACCTTCATGAGC  
 AGAAGAGAAAGGAACAGCAGAAAGACAGACAGACAGAAACAGCCTGGTACGGGGGCCAACCTCATGGA  
 CATTATTAGGAAACACGAAAAGAGCAGTTCACAGAAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

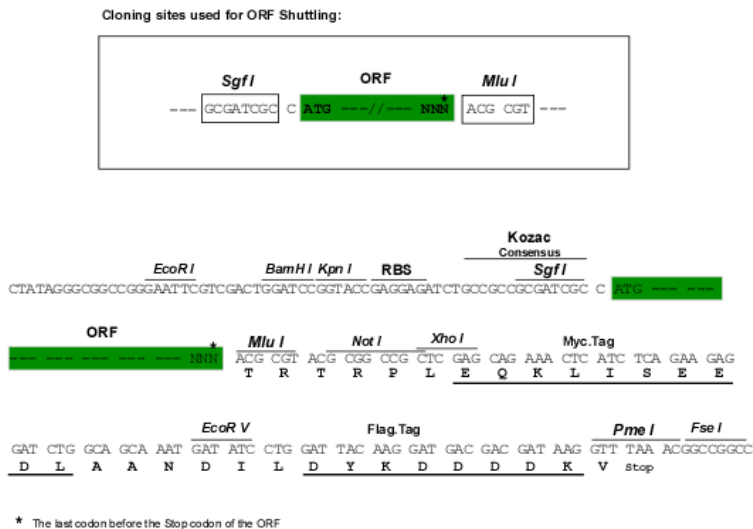
>MR209475 protein sequence  
 Red=Cloning site Green=Tags(s)

MFVPRSLKIKRSSNDLKSGEAKKSKPEAGGLQVEGDRDTPVHTSVTEEAVTADKPGHASSTNSPSCQLA  
 EVSSTGPDEGVKDSHPSEEPVKSFSKTRWPEPEPVCVCGRYGEYICDKTDEDVCSLECKAKHLLQVK  
 EGEGLRPSSPQRVAAPESPLDAFYVYKEHPFIVTLKEDQIETLKQQLGISVQGDVARPIIDFEHCGF  
 PETLNQNLKKSQYEVPTPIQMIPVGLLGRDILASADTGSKTAFLLPVIRAFSEDKTPSALILTPT  
 RELAIQIERQAKELMSGLPRMKTVLLVGLPLPPQLYRLRQHVKVIATPGRLLDIIKQSSVSLSGIKIV  
 VVDEADTMLKMGFQQVLDVLEHTPGDCQITILVSATIPDSIEQLTDQLLHNPVRIITGDKNLPCASVRQI  
 ILWVEDPAKKKLFELNDQKLFKPPVLFVDCKLGADLLSEAVQKITGLNSTSIHSEKQVERRDILKGL  
 LLEGDYEVVVSTGVLGRGLDLVNVKLVVNFDMPSMDEYVHVQVGRVGRGLGQNGTAITFINNNSKRLFDWD  
 AKRVKPTGSILPPQLLNSPYLHEQKRKEQKDRQTQNSLVTGANLMDIIRKHEKSSSQK

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_026500

ORF Size: 1860 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\\_026500.3](#)

RefSeq Size: 2228 bp

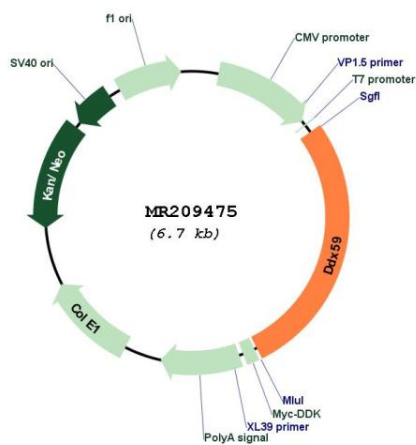
RefSeq ORF: 1860 bp

Locus ID: 67997

UniProt ID: [Q9DBN9](#)

Cytogenetics: 1 E4  
 MW: 68.2 kDa

**Product images:**



Circular map for MR209475