

## Product datasheet for **MR208999**

### **Ddx27 (BC011321) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ddx27 (BC011321) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ddx27
Synonyms:	C86129
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR208999 representing BC011321  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGCCGCCCGCCCGCCCTCTCGCGCTGCTCTCCGCCCTGCGCTCACTCTGGCGGCCCGCCCGCCGCGC  
 CCGGTCCCGCTCCGGCCCGAGTGCTTACAGCCAACGGTGCAGATTACAGGGGAACACAGAGCTGGAC  
 AGCGCTGCAAGGTGGGAAGCCATGTCTGTTCTGGAACGAGACTTCCAGCATCCGTACAACACGCTGAAG  
 TACCCCAACGGGAAGGAGGACTGGGCGAGCACAATTATGCAGAAATCCAGATGGAGACGTGAGCCCTT  
 GGTGCTACGTGGCCGAGCATGAGGACGGAGTCTACTGGAAGTACTGTGAAATTCCTGCCTGCCAGATGCC  
 TGGAAACCTTGGCTGCTACAAGGATCATGGAACCCACCTCCTCTCACGGGCACCCAGTAAAACCTCTAAC  
 AAGCTCACCATACAAACCTGTATCAGTCTGTGCGGAGTCAGAGATTCAAGTTTGTGGGATGGAGTCAG  
 GCTATGCCTGCTTCTGTGGAAACAATCCTGACTACTGGAAGCACGGGGAGCGGCCAGCACCGAGTGCAA  
 TAGTGTCTGCTTCGGGGACCACAGCAGCCCTGCGGTGGGACGGCAGGATTATCCTCTTTGACACTCTC  
 GTGGGCGCTGCGGTGGGAACTACTCAGCCATGGCAGCCGTGGTGTACTCCCTGACTTCCCTGACACCT  
 ACGCCACTGGCAGAGTCTGCTACTGGACCATCCGGTTCCAGGAGCCTCTCGCATCCATTCAACTTCAC  
 CCTGTTTGATATCAGGGACTCTGCAGACATGGTGGAGTCTGGACGGCTACACCCACCGCTCCTGGTC  
 CGGCTCAGTGGGAGGAGCCGCCCTCTGTCTTCAATGTCTCTCTGGATTTTGTCAATTTGTATTTCT  
 TCTCTGATCGCATCAATCAGGCCAGGGATTTGCTGTGTTGTACCAAGCCACCAAGGAGGAACCGCCACA  
 GGAGAGACCTGTGTCAACCAGACCCTGGCAGAGGTGATCACCAGCAAGCCAACCTCAGTGTACGGCT  
 GCCACTCCTCCAAGTCTCTATGTATCACCCAGCCAGCCAGCCCTCCGACAGTACCCCAAGTA  
 GCCATTCCTGGCACCGTCAGTTGGGGCCAACAGCCACAGAGTGGAGGATGGACTGTGTACGGCTGCA  
 GACCTCCTCATCCTCACAGTCACAGCAGTTGTGCAAAGATTCTTCTGCATGTCACATTTAAATCTCAT  
 CGAGTCCCTGCATCAGGAGACCTTAGGGACTGTGTCAGCCTGGGGCTTCTGGAGATATCTGGACATTT  
 TCTATGAACCTTCCACTACAATCTCCATCTTTAAGAAGAAGCTCAAGGTCAGAGTCAACAAGATGACCG  
 CAATCCCCTCGTGAGTGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR208999 representing BC011321  
 Red=Cloning site Green=Tags(s)

MAPPAARLALLSAAALTLAARPAPGPRSGPECFTANGADYRGTQSWTALQGGKPCLFWNETFQHPYNTLK  
 YPNGEGGLGEHNYCRNPDGDVSPWCYVAEHEDGVYWKYCEIPACQMPGNLGCYKDHGNPPPLTGTSKTSN  
 KLTIQTCISFCRSQRKFAGMESGYACFCGNNPDYWKHGEAASTECNSVCFGDHTQPCGGDGRIILFDL  
 VGACGGNYSAMAAVVYSPDFPDYATGRVCYWTIRVPGASRIHFNFLLDIRDSADMVELLDGYTHRVLV  
 RLSGRSRPPLSFNVSLDFVILYFFSDRINQAQGFVLYQATKEEPPQERPAVNQTLAEVITEQANLSVSA  
 AHSSKVLVYITSPSPHPPQTAPGSHSWAPSVGANSHRVEGWTVYGLATLLILTVTAVVAKILLHVTFKSH  
 RVPASGDLRDCRQPGASGDIWTFYEPSTTISIFKKKLKGQSQQDDRNPLVSD

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9017\\_a12.zip](https://cdn.origene.com/chromatograms/mm9017_a12.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** BC011321

**ORF Size:** 1419 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:** [BC011321](#), [AAH11321](#)

**RefSeq Size:** 2483 bp

**RefSeq ORF:** 1718 bp

**Locus ID:** 228889

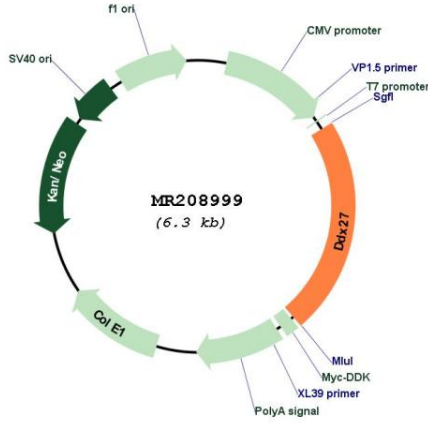
**Cytogenetics:** 2 H3

**MW:** 91 kDa

**Gene Summary:**

Probable ATP-dependent RNA helicase. Component of the nucleolar ribosomal RNA (rRNA) processing machinery that regulates 3' end formation of ribosomal 47S rRNA. [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR208999