

## Product datasheet for **MR209293**

### **Ddx52 (NM\_030096) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ddx52 (NM_030096) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ddx52
Synonyms:	2700029C06Rik; ROK1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR209293 representing NM\_030096  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGATTCTACGACCTGTTTCGCCGGCTTGGAGCCGGCCCAAGTTCGACGTGAAGCGCTTCTCAGCAG  
 ACGCTACTCGATTCCAGGTAGGAAAAAGGAAATTCGATTCCGAGTCTTTGGAGGTCTGAAGGGACTAGA  
 CTTCTTCGGAAACAAGAAGTCCGTCTCAGATGAATGTGGAGCATTGCAAATACACCAGGAGCCCCAAAT  
 GAGGAGAAAAACAAGGGTCTGTGGAAAGGAGTAAGGAGCCCAAGAAGAAAAAGAGAAAGAAGATGA  
 CTTCAGAAGTTCCTGCTCAAGAAGACTTTGACGGTGGTATCCAGTGGACATCCTCTGTAGAAGCAAAGCT  
 TCAAGATGAAAAAGTCAAGTGGAGAGAAGAAGTTAACTTCAGGAAAGTTGGAACATCTCAGAAAGGAAAAAG  
 GTCACCTCTTTTCGGAACAAGCACAAGATACATGTCCAAGGAAGTATCTTCTGACCCAATTGCTACAT  
 TTCAGCAACTTGACCAGGAATATAAAATCAATTCTAGATTGCTCCAGAATATTCTAGACGCAGGCTTCCA  
 AGTGCCCAACCAATTCAGATGCAAGCCATTCCAGTTATGCTGCATGGTCCGGAAGTTCCTGCTTCTGCT  
 CCAACCGATCTGGGAAGACGTTGGCATTAGCATCCCCATTTAATGCAGCTGAAACAACCAACAATA  
 AAGGCTTTAGAGCCCTGGTTATATCCCCAACCCGAGAAGTTCGAAGCCAGATTACAGAGAAATTAATTA  
 AATATCTGAGGGTACAGGATTCAGAATACATATGATCCACAAAGCTGCAATAGCAGCTAAGAAATTTGGA  
 CCTAAATCATCTAAGAAGTTTGTATCCTGTGACTACTCCAAATCGACTGATCTACTTGTGAAGCAGG  
 ATCCACCAGGGATTGACCTAACAAATGTCGAGTGGCTGGTAGTAGATGAATCAGACAACTGTTTGAAGA  
 TGGCAAACTGGGTTTAGAGAGCAGCTGGCTTCCATTTTCTGGCCTGCACATCGCCCAAGGTGAGAAGA  
 GCAATGTTCAAGCAACTTTTGGTACGACGTTGAACAGTGGTGAAGCTCAACCTGGACAACGTCGTTT  
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 CCCACCAGCTCAGTGGAGTACATCCATAGGATAGGTCCGACTGGAAGAGCAGGGAATAGGGGAAAGGCTG  
 TTACATTTTTCACTGAAGATGATAAACCATTACTAAGAAGTGTGCCAATGTTATCCAGCAGGCTGGTTG  
 TCCTGTGCCGAATACATAAAAGGTTTCCAGAACTACTAAGCAAAACAAAAGAAAAAATGATTAAGAAG  
 CCGTTGGAAGGGAGAGCATTGTACAACCTCAAAGTACTTCTTAGAGCAAGCTAAACAGAAAAAGTTG  
 CTGGCCAAACAGCAAGAAGAAAGAACTCTCAAAGAGAAAAAGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR209293 representing NM\_030096  
 Red=Cloning site Green=Tags(s)

MDSYDLFRRLLGAGAKFDVGRFSADATRFQVGRKFDSESLVLEKGLDFFGNKKSVSDECGALQIHQEP  
 EEKTQGVLLERSKEPKKKRKKMTSEVPAQEDFDGGIQWTSSVEAKLQDEKVSGEKLLTSGKLEHLRKEK  
 VNFRRNKHKIHVQGTDLDPPIATFQQLDQEYKINSRLLQNILDAGFQVPTPIQMQAIPVMLHGREL  
 LASA PTGSGKTLAFSIPILMQLKOPTNKGFALVISPTRELASQIHRELIKISEGTGFRIMHIHKA  
 AIAKKFG PKSSKKFDILVTPNRLIYLLKQDPPGIDL TNVEWL VVDESDKLFEDGKTGFREQLASIF  
 LACTSPKVRRA MF SATFAYDVEQWCKLNLDNVSVSIGARNSAVETVEQELLFVGSETGKLLAMREL  
 VKKGFKPPVLFV QSIERAKELFHელიYEGINVDVIHAERTQQQRDNTVHSFRAGKIWVLICTALLAR  
 GIDFKGVNLVINYDF PTSSVEYIHRIGRTGRAGNRGKAVTFFTEDDKPLLRSVANVIQQAGCPV  
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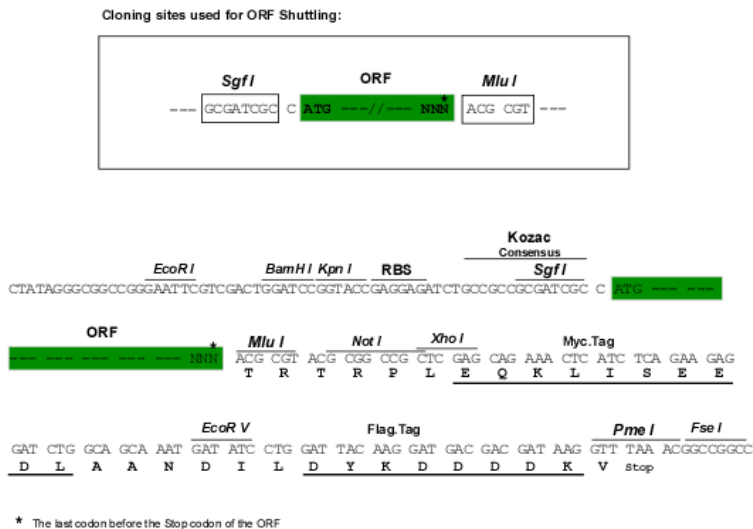
**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9044\\_h01.zip](https://cdn.origene.com/chromatograms/mm9044_h01.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_030096

**ORF Size:** 1794 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\\_030096.2](#), [NP\\_084372.2](#)

**RefSeq Size:** 3180 bp

**RefSeq ORF:** 1797 bp

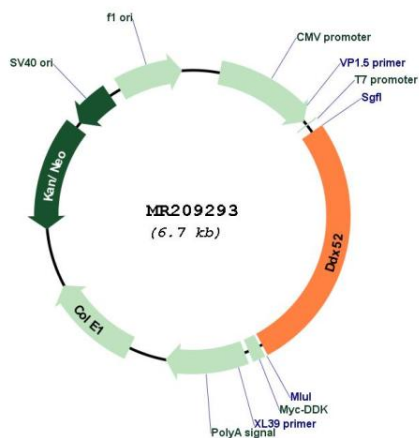
**Locus ID:** 78394

UniProt ID: [Q8K301](#)

Cytogenetics: 11 C

MW: 67.9 kDa

**Product images:**



Circular map for MR209293