

## Product datasheet for **RR200080**

### **Dnaja3 (NM\_001038596) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dnaja3 (NM_001038596) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dnaja3
Synonyms:	Tid-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**ORF Nucleotide Sequence:**

>RR200080 representing NM\_001038596  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTGCGTGGTGTCCCCACGCTGGTTGAGGGTGGCAGTGGGGACCCCGGCTGCCGGCTGCAGCGG  
 GGAGAGGGGTCCAGCAGCCCAGGGGGCGTAGTGGCAGCATCCCTGTGTGCAAGCTGTGTCTCTGC  
 CTTCCGGCTTTCCATGGGCGCTCACGGCCCCGGGCGCTGCTGACATTGAGACCCGGTGTCCGCCTCACA  
 GGAACAAAAAGTTCCCTTTTGTGTACTGCTTCCTCCACACAAGTGTTCTTTGGCCAAAGATGATT  
 ATTACCAGATACTGGGAGTACCCCGAAATGCCAGCCAGAAGGATATCAAGAAAGCCTATTATCAGCTTGC  
 CAAGAAATATCATCCAGACACAAATAAGGATGATCCCAAAGCCAAGGAGAAGTTTTCCAGCTGGCAGAA  
 GCTTATGAGGTGTTGAGTGACGAGGTGAAGAGGAAGCAGTATGATGCTTACGGCTCCGCTGGCTTTGACC  
 CTGGAGCCAGCAGCTCTGGCAGGGCTACTGGAGAGGAGTCTTCTGTTGACCCCGAGGAGCTATTCAG  
 GAAGATCTTTGGAGAGTTCATCTTCTCTTTTGGTGATTTCCAGAATGTGTTTATCAGCCTCAGGAG  
 TACATCATGGAGTTGACATTCAATCAAGCCGCCAAGGGTGTCAACAAGAGTTACACCGTGAATATCATGG  
 ACACCTGTGAGCGCTGCGATGGCAAGGGGAACGAGCCTGGAACCAAGTGACAGATTGCTACTACTGCAG  
 CGGCTCAGGCATGGAAACCATCAATACAGGGCCTTTTGTGATGCGTTCCACGTGTCCGAGATGTGGTGG  
 CCGGGCTCCATCATCACAAACCTTGTGTGGTCTGCAGAGGAGCAGGACAAGCCAAGCAGAAGAAGCGAG  
 TGACAGTCCCTGTGCCTGCAGGAGTTGAAGATGGCCAGACTGTAAAGATGCCTGTGGGAAAACGAGAAAT  
 TTTTGTACATTCAGGGTGCAGAAGAGCCCTGTGTTCCGGAGGGACGGCGCAGACATCCACTCCGACCTC  
 TTTATTTCAATAGCTCAAGCTATTCTTGGGGGTACAGCCAAAGCGCAGGGCCTGTATGAGACAATCAATG  
 TGACGATCCCTGCTGGGATTCAGACAGACCAGAAGATTGCTTACTGGGAAAGGCATCCCCGTATTAA  
 TAGCTATGGCTATGGTGACCACTACATTACATTAAGATCAGAGTTCCAAGAGGCTAAGCAGTAGGCAG  
 CAGAACCTGATCCTGAGCTATGCTGAGGATGAGACCGATGTGGAGGGGACAGTGAATGGAGTCACCCACA  
 CAAGCACTGGAACCGTCAACTGGAAAC

**ACGCGT**ACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR200080 representing NM\_001038596  
 Red=Cloning site Green=Tags(s)

MAAWCSRWLRVAVGTPRLPAAAGRGVQPQGGVVAASLCKLKVSAFGLSMGAHGPRALLTLRPGVRLT  
 GTKSFPPVCTASFHTSASLAKDDYYQILGVPRNASQKDIKKAYYQLAKKYHPDNTKDDPKAKEKFSQLAE  
 AYEVLSDVEVKKQYDAYGSAGFDPGASSSGQGYWRGGPSVDPEELFRKIFGEFSSSPFGDFQNVFDQPQE  
 YIMELTFNQAAGVNKEFTVNIIMDTCERCDCGKNEPGTKVQHCHYCSGSGMETINTGPFVMRSTCRRCGG  
 RGSIIITNPCVVCRGAGQAKQKRVTVPVPAGVEDGQTVRMPVKGREIFVTFRVQKSPVFRRDGADIHSDL  
 FISIAQAILGGTAKAQGLYETINVTIPAGIQTDQKIRLTGKGIPIRINSYGYGDHYIHIKIRVPKRLSSRQ  
 QNLILSYAEDETDVEGTVNGVTHTSTGKRSTGN

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

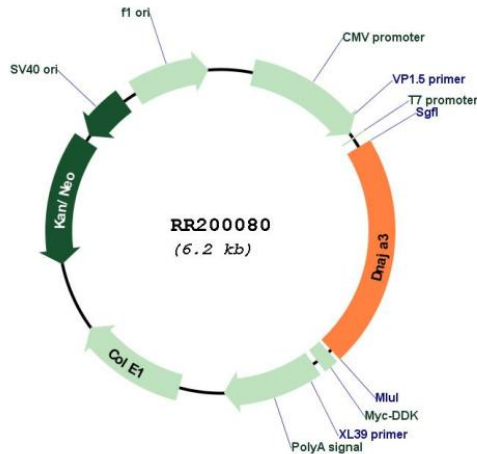
**Restriction Sites:**

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001038596

ORF Size: 1359 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\\_001038596.1](#), [NP\\_001033685.1](#)

**RefSeq Size:** 1716 bp

**RefSeq ORF:** 1362 bp

**Locus ID:** 360481

**Cytogenetics:** 10q12

**MW:** 49.4 kDa