

## Product datasheet for **MC205601**

### **Dnaja2 (NM\_019794) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dnaja2 (NM_019794) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dnaja2
Synonyms:	1500017M13Rik; 2010206B19Rik; DNAJ; Dnaj3; DNJ3; HIRIP4; mDj3; PRO3015
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC003420  
 CGCGCCGTCTCCTCGGCCTGCGCCGCCGCCGCTCGTGGTCCGGGTGCGGCTCCTCCGCTCCGCCGCTG  
 CTTGCGAGTGCTGCCCGGCGAGCCGCCATGGCGAACGTGGCCGACACGAAGCTGTACGACATCCTGGGCG  
 TCCCTCCCGGCGCTAGCGAGAACGAGCTGAAGAAGGCATACCGAAAGTTAGCCAAAGAATACCACCTGA  
 TAAGAATCCAAATGCTGGAGACAAATTTAAAGAAATAAGTTTTGCATATGAAGTATTGTCAAATCCAGAG  
 AAGCGAGAGCTGTATGACAGATATGGAGAACAAGGCCTACGGGAAGGCAGCGGCGGAGCCGTTGGAATGG  
 ATGATATCTTCTACATATTTTTGGTGGAGGATTGTTGGCTTTATGGCAATCAGAGTAGAAGTCGAAA  
 TGGCAGAAGAAGAGGCGAGGACATGATGCATCCACTAAAAGTATCTTTAGAAGACCTGTACAATGGCAAG  
 ACAACCAACTACAACCTAGCAAGAATGTGCTCTGTAGTGCATGCAGTGGCCAAGGTGGGAAGTCTGGAG  
 CTGTTCCAGAAATGCAGCGCTTGTGGGGTGCAGGTGTGCGCATTATGATCAGACAGCTGGCTCCAGGAAT  
 GGTGCAGCAGATGCAGTCCGTGTGCTCCGACTGTAATGGAGAAGGGGAGGTCAATGAAAAAGACCGC  
 TGTAAAAAATGTGAAGGGAAGAAGTAATCAAAGAAGTCAAGATTCTGGAAGTCCATGTAGACAAAGGCA  
 TGAACATGGACAGAGGATTACGTTCACTGGGGAAGCAGACCAGGCTCCAGGAGTGAACCTGGAGATAT  
 TGTCTTTTGTACAGGAAAAAGACATGAGGTGTTCCAGAGAGATGGGAATGATTTGCATATGACATAT  
 AAGATAGGACTTGTGAAGCTTTATGTGGATTTAGTTCACATTTAAACATCTTGATGCTCGTCAGATTG  
 TGGTGAATAACCCCTGGCAAAGTAATTGAACCAAGGATGTGTTGTTGTTCCAGGTGAAGGAATGCC  
 ACAGTATCGTAATCCCTTTGAAAAGGGTATCTTTACATAAAAGTTTGATGTACAGTTTCCCTGAGAATAAC  
 TGGATCAACCCAGACAACTTTCTGAATTAAGAAGTCTCCTGCCATCTAGACCAGAAGTTCTTAATGTTA  
 TTGGAGAGACAGAAGAAGTGGAGCTTCAGGAATTTGATAGCACTCGAGGCTCTGGCGGTGGTCAGAGACG  
 TGAAGCCTATAATGATAGCTCTGATGAAGAAAGTAGCAGCCATCATGGACCTGGAGTGCAGTGTGCCAT  
 CAGTAACTGCAGGCCACTGCACAGGTGGGTTTTTCCACATTTGCCGGATTTGCCAGCTGCTGGAGTAC  
 CTGATGAGTCCAGATGGACTGATGGACATCTGTTGATCTATGTGTAACCTCTAAAATTTGGTATCGTATCC  
 ACAGAGTGATAATTTAACTAACCACAGAGCTTACATCTTCATTTCCGACTGTTCTGTAGCAGAGTAAA  
 GCACCTGAAATAAGACTCCCTTTACATGTGGGTTATAAGTTTCAGTCCTGGTATCTGCTTGATTTTTAT  
 CAGTTTTGTGTAGACTTTATGTTTCATATTTTAACTCAATCCAGCATTGTAAGTTTTGTACAATTTGT  
 CCTGAAGCTTTGTGTTGGCTGCACCTGCATAAGCTGCTACAAATAGAATAAAGAATTCATAGCCTGTAT  
 CTATCATTTAGATGCATGGAAAAATGGGCTTTGCACACAATGGGTTTGAAGCTGACTGGGAACAATGGAA  
 AAAAAATACATTAGCCATGGTTGTAAGTTTTTGGCTTTTTTTAAAACCATTTTGTGAAAGGTTTCTG  
 AAACCTTGATAATAAAAAGCAGTTGGTGTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_019794

**Insert Size:** 1239 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**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:	<u>BC003420</u> , <u>AAH03420</u>
RefSeq Size:	1944 bp
RefSeq ORF:	1239 bp
Locus ID:	56445
UniProt ID:	<u>Q9QYJ0</u>
Cytogenetics:	8 C3
Gene Summary:	Co-chaperone of Hsc70. Stimulates ATP hydrolysis and the folding of unfolded proteins mediated by HSPA1A/B (in vitro).[UniProtKB/Swiss-Prot Function]