

Product datasheet for **MC206325**

Dnajib4 (BC017161) Mouse Untagged Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Dnajib4 (BC017161) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Dnajib4 |
| Synonyms: | 1700029A20Rik; 2010306G19Rik; 5730460G06Rik |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >BC017161
 CCGTGCGGTGTCTATTTATCTGTAAGTGAGCTGCCGGGAGGAATTAATAGAGACGCTGCCTGCTGCCT
 CTGGACAGCTGAGCCGAGTTGCTGATTTGCTTTAACTTGTAAAGATACCCAGCTTGCTTTATTTTCTCAGG
 ATCATTGTGTTGCTAAGCCTGGGACGCTGTTTTCTTTTACAAAGGGAATCTAAGTTCAATTTCAAGGCA
 TTCGAAATGGGAAAGACTATTATCACATTTTGGGAATTGACAAAGGAGCTACAGATGAAGATGTTAAAA
 AGGCTTACCGAAAAGCAAGCCCTCAAATTTACCCGGACAAGAACAATCTCCTCAAGCAGAGGAAAAAT
 TAAAGAGGTCGCAGAAGCGTATGAAGTACTGAGTGATCCTAAAAAGAGAGAAATATATGATCAGTTTGGC
 GAAGAAGGCTTGAAGGGAGGCGCTGGAGTACTGATGGACAAGGAGGTACCTTCAGGTACACTTTCCACG
 GAGATCCTCATGCCACATTTGCAGCCTTTTTCGGAGGTTCCAACCTTTTGAAATCTTTTGGGAGACG
 GATGGGTGGAGGTCGAGATTCTGAAGAAATGGAATAGATGGAGATCCCTTTAGTGCCTTTGGATTGAGC
 ATGAATGGATATCCAAGAGACAGGAATTCTGTGGGACCTCCCGTCTCAAACAAGACCTCCATTATTC
 ATGAACTTAAAGTATCGTTGAAGAAATATATAGTGGCTGCACCAACGGATGAAGATTTCTCGAAAAAG
 ATTAATCCTGACGGAAGGAGTTACAGATCTGAGGACAAAATTCTCACCATTGAGATCAAAAAAGGGTGG
 AAAGAAGGCACAAAATCACTTTCCGAGGGAAGGCGATGAAACACCAAAATAGTATCCAGCAGACATTG
 TTTTTGTTATTAAGACAAGAACATCCCAAGTTTAAAAGAGACGGATCAAATATAGTTTATACTGCTAA
 AATTAGTTTACGGGAGGCATTGTGTGGCTGCTCACTTAATGTGCCAACAAATGGACGGAAGAAACCTACCT
 ATGTCAGTCACTGATATTGTGAAACCTGGGATGAGGAGAAGAGTTATTGGATATGGGCTGCCATTTCCAA
 AAAACCTGACCAGCGTGGCGACCTACTGATAGAATTTGATGTGTCTTCCAGACGCTCATATCTGCAGC
 ATCCAAAGAGATCCTGAGGAAGCATCTCCCTGCCTCCTAGGATGAGAAGAACCTTGCTATCCATAGTTTG
 ATAAGACACTGAAAAATATAAAAGTACCGGCAGTTGACTGCTGTGAATTCTGTGTAAGATGTGTAACCTC
 TTCTGAGGGCTCATTAACTGCATGAATAGACACAGTTCAAATAGGCAACGTGGGTTTTTACAGTAGGGA
 TGAAAAGTCATTCAGTGTATTTCACTTTCCCAAATCAGAAATTTTAGTATTTCAATTTACAAGTAAAAG
 TTGGTTTTGTGGTCTATGGATATACTTCTAGTAAATACTAGATTATCCAAGTACTGTGTGCATGTGCGTG
 GT
 AATGATCAGTGTGATAGGCTCCTTAAATAAAAATTAATAATTTCTTAAAGTATATGTAATATGTGGAGAAT
 AAAAGCCAAAGTCATACAGAAATGCAGTCTAGGTGACATTGAGAGATGCTGTGTTGGGCTGGTACCAGAA
 TGCATTGATGTGTGTGCTTACCCTGTGACTTCTCAATATTCTGCAGCGTTTCTTAAAGAGCATGGTTGT
 AATGTTTCGTAAGCAGACCTCATATAAGAAGAAAATGAATGACATTTTCTCCTGTGGAAGTCCCAAT
 AGCCAGAGCTCCTGATATTTAGAAACAGATGGTTTTTAAAGTGGCCACATGTAATTTTATGCAGTTGACT
 ATATATCTTAAACTTAATAAGCTCATTTTGTGGTTCATTAGTTTAAAGTATTTGTTTACTAACATGTTTT
 TAGAGAAAATACTGTTACTTGGCATTAAATGTCCATTTACAGTGTCTGTTAAGTTCCTCATGCTATGCA
 CCTTACATAATTTCCCTAAAGAACAGTCATCTATCACTGTGGTGTAAACCGCAATCTGGATATAACAAA
 CACCATCACTGCTGTGGTAATGTGCTGTGCATCATATAAATATTCTACCTTTTCATGTATATAGATTGC
 ATTTCTTAGGTGTTTTAATTTTTAAAATATATTTACATTCTAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC017161

Insert Size: 1014 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: [BC017161](#), [AAH17161](#)

RefSeq Size: 2296 bp

RefSeq ORF: 1014 bp

Locus ID: 67035

Cytogenetics: 3 H3

Gene Summary: Probable chaperone. Stimulates ATP hydrolysis and the folding of unfolded proteins mediated by HSPA1A/B (in vitro).[UniProtKB/Swiss-Prot Function]