

## Product datasheet for **MC201125**

### **Dnajb11 (NM\_026400) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dnajb11 (NM_026400) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dnajb11
Synonyms:	1810031F23Rik; ABBP-2; AL024055; Dj9; ERdj3; ERj3p
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC018282 sequence for NM\_026400  
 CGCTACCTGTCTCCGCGGCCGGCAAGAGAGAGACCCCGGCGTGAGGCGGCCTCCCTGGGCCGGAAGGGC  
 TGGTCAGCCGACGCAGCGGCACCCGAGGCTGAGAGGGTAGGACCAGGGGACGCCATGGCCCCGAGAACC  
 TGAGCACCTTCTGCTGTTGCTGCTGTACCTCATCGGGACTGTGATCGCCGGGCGAGATTCTATAAGAT  
 CTTGGGGTGCCTCGAAGTGCCTCCATAAAGGACATTA AAAAGGCCTACAGGAACTAGCCCTGCAGCTC  
 CACCCTGACCGGAACCTGATGACCCCCAAGCCAGGAGAAATCCAGGATCTAGGTGCTGCTTATGAGG  
 TTCTGTAGATAGTGAAAAACGAAAACAGTACGATGCTTACGGTGAAGAAGGCTTGAAAGATGGCCATCA  
 GAGCTCTCATGGGGACATTTTTTACACTTCTTTGGAGACTTTGGCTTCATGTTTGGAGGAACCCCTCGT  
 CAGCAGGACAGGAATATTCCAAGAGGAAGTGATATCATCGTAGATCTAGAAGTCACTCTGGAAGAAGTGT  
 ACGCAGGAAATTTTGTGGAAGTAGTTAGAAAACAAGCCTGTGGCCAGGCAGGCTCCTGGCAAACGAAATG  
 CAACTGTCGGCAAGAGATGAGAACCACACAGCTGGGACCGGGACGCTTCCAAATGACCCAGGAAGTGGTT  
 TGTGACGAGTGCCTAATGTCAAATTAGTGAATGAAGAACGAACACTAGAAGTGGAAATAGAGCCTGGGG  
 TGCGAGATGGCATGGAGTACCCCTTTATTGGAGAAGGTGAGCCGCATGTGGATGGGAACCCGGAGACTT  
 ACGGTTCCGAATCAAAGTTGTCAAGCACCGGATATTTGAGAGGAGAGGGGATGACCTGTACACAAATGTG  
 ACCGTCTCACTGGTTGAGGCTCTGGTTGGCTTTGAGATGGACATAACTCACCTGGATGGTCACAAGTCC  
 ATATTTCCCGGACAAGATCACAGGCCAGGAGCCAAGCTGTGGAAGAAAGGGGAAGGGGCTGCCAACTT  
 TGATAACAATAACATCAAGGGCTCTTTGATAATCACTTTTGATGTGGACTTTCCAAAAGAACAGTGACA  
 GAGGAAGCAAAAGAAGGTATCAAGCAGCTTCTCAAACAAGGCCCGTGCAGAAGGTGTACAACGGGCTGC  
 AGGGCTATTAGGAGCGAAGAGAAGTGGACTTTGAAAGAGGTGGATCAGCGATATTTATTATCTGCAGTGG  
 GTTTTTGTGTGTGTTTCATTATTTTCAATATGCAAGTTTGGCTTAGTCCTTTTTTCCCTGATGACCGT  
 CCTGACAAGAAGTAGAGGTTTGGAGCTGTCTATTGCATTAGACAACAATGGCCAGCAGAAGGTTACC  
 TAATACCTCCCCCTCTGGGGATTTAACGTCTGGTGCTGCCCGAGGTTCAAGGAGTAACTCTCAGAGGAT  
 GCCCGAGCAAAGGAAACAGATGAGGGTTAGAGACAATTGTTAGCTATTTCAAATGCCAACTGGAGAAG  
 TCTGTTTTTAAATACATCTTGTGTTATTTTTTTTTTCTTGACTCTGTTTCTTTTTCTGTGAGCCGAT  
 GGAAGTCTTCCATCAGGCAGGATGGCCACACAGCATGCAGAGGAACGATGAGAGCCCGCTCCAGGC  
 CCCACTAAACACATGGTGTCTATAGCAACGAGCTCGAAGAAACCGAGTAGACTAGAGACTGAGCTACATG  
 AATTAAGTTACACAAAGACCTCACTGTCTTTGAGAGAACATATTTCCCGTTTTCTTTGGTAATAATAA  
 AATCTGATATGGGTATTTACTGTTAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_026400

**Insert Size:** 1077 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:** [BC018282](#), [AAH18282](#)

RefSeq Size: 1866 bp

RefSeq ORF: 1077 bp

Locus ID: 67838

UniProt ID: [Q99KV1](#)

Cytogenetics: 16 B1

**Gene Summary:** As a co-chaperone for HSPA5 it is required for proper folding, trafficking or degradation of proteins. Binds directly to both unfolded proteins that are substrates for ERAD and nascent unfolded peptide chains, but dissociates from the HSPA5-unfolded protein complex before folding is completed. May help recruiting HSPA5 and other chaperones to the substrate. Stimulates HSPA5 ATPase activity. It is necessary for maturation and correct trafficking of PKD1.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2 and 3 encode the same protein.