

## Product datasheet for RN202758

### Dnaja2 (NM\_032079) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dnaja2 (NM_032079) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dnaja2
Synonyms:	Cpr3; Dj3; DjA2; Dnj3; Hirip4; Rdj2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202758 representing NM_032079 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCGAACGTGGCCGACACGAAGCTGTACGACATCCTGGGCGTCCCTCCCGGCCAGCGAGAACGAGC  
TGAAGAAGGCATACCGAAAGTTAGCAAAGAATACCATCCTGATAAGAATCCAAATGCTGGAGATAAATT  
TAAAGAAATAAGTTTTGCCTATGAAGTATTGTCAAATCCAGAGAAGCGGGAGCTATATGACAGATATGGA  
GAACAAGGTCTACGGGAAGGCAGCGGGGGTGGCGGCATGGATGATATTTTCTCACATATTTTGGTG  
GAGGATTTTGGCTTCATGGGCAATCAAAGTAGAAGTCGAAATGGCAGAAGAAGAGGCGAGGACATGAT  
GCATCCGCTGAAAGTGTCTTTAGAAGACCTGTACAATGGCAAGACCACCAAGCTGCAGCTCAGCAAGAAT  
GTGCTCTGTAGCGGTGCAGTGGCCAAGGTGAAAGTCTGGAGCTGTTTACAGAAATGCAGTGTGTCGGG  
GTCGAGGTGTGCGCATTATGATAAGACAGCTGGCTCCAGGGATGGTACAGCAGATGCAGTCTGTGTGCTC  
TGACTGTAATGGAGAAGGAGAGGTCAATGAAAAAGACCGCTGTAAGAAATGTGAAGGAAAGAAGGTG  
ATTAAGAAGTCAAGATTCTGGAAGTTCATGTAGACAAAGGCATGAAACATGGACAGAGAATTACGTTCA  
CTGGGGAAGCAGACCAGGCTCCAGGAGTGAACCTGGAGATATTGTTCTTTTGTACAGGAAAAAGACA  
TGAGGTGTTCCAGAGAGATGGGAATGATCTGCATATGACATATAAGATAGGACTTGTGAAAGCTTTGTGT  
GGATTTACAGTTCACATTTAAACATCTTGATGCTCGTCAGATTGTAGTGAATACCCCTGGCAAAGTAA  
TTGAACCAGGATGTGTCGTGTTGTTTCGAGGCGAAGGAATGCCACAGTATCGTAATCCCTTTGAAAAGGG  
TGATCTTTACATAAAGTTTGATGTGCAGTTTCTGAAAACAACCTGGATCAACCCAGACAACTTTCTGAA  
TTAGAAGACCTCCTGCCATCTAGACCAGAAGTTCCTAATGTAATTGGGGAGACAGAAGAAGTAGAGCTTC  
AGGAATTCGATAGCACTCGAGGCTCTGGAGGTGGTACAGAGCGTGAAGCCTACAACGACAGCTCTGATGA  
GAAAGCAGCAGCCATCATGGACCTGGAGTGCAGTGTGCCATCAGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_032079
<b>Insert Size:</b>	1239 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_032079.2</a></u> , <u><a href="#">NP_114468.2</a></u>
<b>RefSeq Size:</b>	1908 bp
<b>RefSeq ORF:</b>	1239 bp
<b>Locus ID:</b>	84026
<b>Cytogenetics:</b>	19p11
<b>Gene Summary:</b>	undergoes post-translational protein farnesylation by CAAX farnesyltransferase [RGD, Feb 2006]