

## Product datasheet for **RN206304**

### **Rars2 (NM\_001106643) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rars2 (NM_001106643) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rars2
Synonyms:	Rarsl
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN206304 representing NM\_001106643  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCGTGTGGCTTTCGTAGGTCGATTGCCTGTACAGTTCCAGAGTATTGGCTCTCCACCAGAAAGCT  
TGATTAAGTCTATATCGGCTGTTCCAGTTTCAAAGAAAGAAGAAGTGGCAGATTTTCAGCTTCTGTGGA  
TTCCTTGCTAGAAAACAACAGTCACAAGTCACAGCTAGACACTCAAGATCAAGCCAGAGACTGGCAGAG  
AAGCTTAAGTGTGATACAGTGGTGACAGCCATCAGTGTGGTCCAAGGACTCTAAATTTCAAATAAACA  
GAGCATTATTAACAAAGGCAGTGTGCAACAAGTAACTGAAGATGGTTCAAATACGGGTTAAAAAGTGA  
GCTTTTCTCAGATCTTCCCAGAAAGAGGATTGTGGTTGAATTCAGCTCACCTAATATTGCCAAAAATTT  
CATGTTGGTCATTTGCGCTCCACCATCATAGGAAATTTTCATAGCGAATCTAAAAGAAGCTTTAGGACACC  
AAGTGACAAGAATAAATTACATTGGCGATTGGGGCATGCAGTTTGGTCTGCTGGGAACTGGTTCCAGCT  
GTTTGGCTATGAAGAGAACTCCAGGCCAATCCTTTACAGCATCTTTTGATGTTTATGTACAAGTTAAT  
AAAGAAGCAACTGATGATAAAAAATGTAACCTAAGTTGGCACACGAGTTCTCCACCGACTAGAAGTGGGTG  
ACACGCAGGCCCTGGCCCTGTGGCAGAGATTCCGGGACTTGAGCATTGAAGAATACACCCAGATTTACAA  
CGCTTTGGAAATATACTTTGATGAATATTCAGGAGAATCATTTTATCGTGAAAAATCTCAAGATGTCTTA  
AAGTTGCTTGACAGCAAAGGACTTCTACAGAAAACAGCAAAGGGGAATGTAGTAGTAGATGTCTCTGAGA  
CTGGCGACCTCTCTTCTGTCTGCACCGTGTGCGAAGTGTGGAACGCTCTCTATGCAACCAGGGACCT  
TGCAGCTGCCATACATCGCAAGGACAAGTACAACCTTTGACACAATGATTTATGTTGCAGATAAAGGGCAA  
AAAAGGCATTTCCAGCAAGTATTCAAAATGCTGAAGATCATGGGACATGAATGGGCAGAAAGGTGCCAGC  
ATGTGCCCTTCGGGATAGTAAAGGGAATGAAGACTCGAAGAGGAGAAGTCACTTTTCTGGAAGATGTCTT  
AAATGAAGTTCAATCAAGGATGTTACAGAACATGGCTTCCATTAAGACAACCAAAAAAATGGAGAACCCT  
CGGGAGACCGCAGAGAAGGTGGGCTGGCAGCTCTCATCATCCAGGACTTCAGAGGCTTGCTCTTATCCG  
ACTATCAGTTCAGTTGGGATCGTGTTCAGAGTCTGGGGACACCGGAGTCTTCTGCAGTACACCCA  
CGCCCGCTCTGTAGTCTGGAAGAGACTTTGGATGTGGGTATCTCAATGACTTCAATGTTGCTTGTTTA  
CAAGAGCCACAGTCTGTTTCAATCTCCAGCATCTTTCAGGTTTCGATGAGGACTTTTATACAGCATCTC  
AGGACCTGCAGCCGAAGCACATCGTTAGTTACCTTTAACCTGAGTCACCTTGCAGCTGTGGCACATAA  
AACACTCCAAGTAAAGACAGTCTCTGAAGTGGCTGGGGCCAGACTTCACCTTTCAAAGCTGTCCGT  
TCTGTCTTAGCCAATGGAATGAACTTCTTGAATTACACCTGTATGAAAATG**TAA**

**ACGGCT**ACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001106643

**Insert Size:** 1737 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:** [NM\\_001106643.2](#), [NP\\_001100113.1](#)

**RefSeq Size:** 1886 bp

**RefSeq ORF:** 1737 bp

**Locus ID:** 297969

**Cytogenetics:** 5q21