

## Product datasheet for **RN200969**

### Coasy (NM\_001006954) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Coasy (NM_001006954) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Coasy
Synonyms:	MGC94749; Naglu
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN200969 representing NM\_001006954  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCGTATTCCGCTCAGGCCCTCTGGTGTGACAACGCGCTGGCCACCTGGCCGACGCTGCCTC  
 CCATCCTGACCTCGGCGTCACACCTGGTGAATCACACCCTCTATGTGCACCTGCAGCCGGCATGAACCT  
 GGGGGACCCGCTCAGCCCCAGCCAGCCCTGTGCAGGCCACATTTGAGTTCTGGATTTTCATCACGCAC  
 CTCTACACTGGTCCGACCTGCACAGGCACCTGGACGTGAGAATCTACTGACCAATATCCAAACCAAGA  
 GTACCTTAATCCCTGTGCTTCTCAGTCCAGAATCTGGCCACCCTCCAGAAGTGTCTGACGGACTT  
 CCAGACCCTGGATGGGAGCCAGTACAACCTGTTAAACAACAGCTAGAGCGTTATGCCACCAGCTGTAC  
 AGCTGTTCTCCACAGTTGTCTCCGATTGCTGTATCCGATTATGGGACTGGAGAGATGCCTTTGGAAC  
 TCCCGAATGCCCTTACCCTCCACCATAAGGCCAGCTTCCCGGTGGCCAGATCTCCGAGGCAGCTGT  
 GCGTGGCTACCGCGTGGGGCCGTGGTGGCACTTTTGACCGCTTGACAATGCCCAAAAGTGTGCTC  
 AGTGTTCATGTGTACTGGCCAGGAGCAGCTTGGTGGGAGTAGCGGACAAAGATCTGTTGAAGAGCA  
 AGTTGCTCCCTGAGCTGCTCCAGCCTATTTCAGAGCGTGTGGGGCATCTGAATGAGTTCTGGTGGACAT  
 CAAGCCCTCCCTGACTTTTGAACCTATCCCCCTGCTGGATCCCTATGGGCTGCTGGGTCTGACCCCACT  
 TTGGAGTTCCTGGTGGTCCAGCAGGAGACCTACCGTGGGGGATGGCCGTCACCCGCTCCGCTTGA  
 ATGGCAAAGAGGAGCTCGCCTTATACCAGATACAGCTGCTGAAGGACCAGAGTCAACAAGAAAACGAGGA  
 GAAAAGGTCAGTCTCCAGCTTTCGCCAGCGAATCTGGGAAACCTGCTTCAGCCTCCGAATGAGAGG  
 CCCGAGCTCCCGTCAAGTATCTATGTGCTGGGGCTGACAGGCATCAGCGGCTCTGGGAAAAGCTCAGTGG  
 CTCAGCGCTGAAGAACCTGGGGCATAACATCATTGACAGTGACCATCTGGGCCACCGGGCCTATGCTCC  
 CGGGGCCCTGCCTACCAGCCTGTGGTGGAGGCCCTTGGAAACAGATATTCTCCATCAAGATGGGACCATC  
 AATAGGAAGTCTAGGCAGCCGGTGTGGGAAATAAGAAGCAGCTGAAGATGCTCACAGATATTGTTG  
 GGCCAGTTATCGCAAAGCTGGCCCGAGAGGAGATGGATGTGGCTGTGGCTAAGGGAAAGACTCTGTGTG  
 GATTGATGCTGCTATGCTGCTTGAAGCTGGCTGGCAGAAATGTTACACGAGGTGTGGACCGTCGTCATC  
 CCTGAGTCTGAGGCTGTACGTGCGATTGTTGAGAGGGATGGACTGAGTGAGGCAGCCGCTCAAAGCCGGC  
 TGCAGAACCAGATGAGTGGCAGCAGCTGGTAGAGCAGAGCCACGTGGTCTGTGCACCTGTGGGAATC  
 ACATGTACACAGCGCCAGGTGGAAAAGCTTGGGATCTTCTACAGAAACGCCTCCCAAGGCTCACCAG  
 ACCAGGAACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001006954
- Insert Size:** 1692 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\\_001006954.1](#), [NP\\_001006955.1](#)

**RefSeq Size:** 2060 bp

**RefSeq ORF:** 1692 bp

**Locus ID:** 287711

**Cytogenetics:** 10q31