

Product datasheet for **RN209474**

Cycs (NM_012839) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cycs (NM_012839) Rat Untagged Clone
Tag: Tag Free
Symbol: Cycs
Synonyms: CYCSA
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209474 representing NM_012839
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGTGATGTTGAAAAAGGCAAGAAGATTTTTGTTCAAAGTGTGCCAGTGCCACACTGTGGAAAAAG
GAGGCAAGCATAAGACTGGACCAAACCTCCATGGTCTGTTGGGCGGAAGACAGGCCAGGCTGCTGGATT
CTCTTACACAGATGCCAACAAGAACAAGGTATCACCTGGGAGAGGATACCCTGATGGAGTATTTGGAA
AATCCCAAAAAGTACATCCCTGGAACAAAAATGATCTTCCTGGAATTAAGAAGAAGGGAGAAAGGGCAG
ACCTAATAGCTTATCTTAAAAAGGCTACTAATGAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_012839

Insert Size: 318 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_012839.2](#), [NP_036971.1](#)

RefSeq Size: 1228 bp

RefSeq ORF: 318 bp

Locus ID: 25309

UniProt ID: [P62898](#)

Cytogenetics: 4q24

Gene Summary: a component of the electron transport chain in mitochondria, may function in apoptosis [RGD, Feb 2006]