

Product datasheet for MR222141L4

Cycs (NM_007808) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Cycs (NM_007808) Mouse Tagged Lenti ORF Clone

Tag: mGFP Symbol: Cycs

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

E. coli Selection: Chloramphenicol (34 ug/mL)

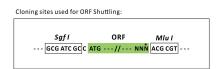
ORF Nucleotide The ORF insert

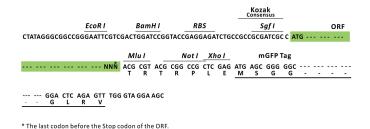
Sequence:

The ORF insert of this clone is exactly the same as(MR222141).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





ACCN: NM_007808

ORF Size: 315 bp



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Cycs (NM_007808) Mouse Tagged Lenti ORF Clone - MR222141L4

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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.

6 24.32 cM

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: <u>NM 007808.4</u>

 RefSeq Size:
 3059 bp

 RefSeq ORF:
 318 bp

 Locus ID:
 13063

 UniProt ID:
 P62897

Cytogenetics:

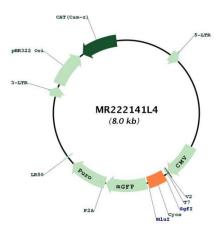
Gene Summary: Electron carrier protein. The oxidized form of the cytochrome c heme group can accept an

electron from the heme group of the cytochrome c1 subunit of cytochrome reductase.

Cytochrome c then transfers this electron to the cytochrome oxidase complex, the final protein carrier in the mitochondrial electron-transport chain.[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR222141L4