pENTR_L1L2_ LitR-VP64

SB-1098™

Description

pENTR_L1L2_LitR-VP64 contains an ATCC synthetic activator flanked by two Gateway® recombination *att* sites (*att*L1 and *att*L2). The activator is a fusion of the TetR homolog LitR and a VP64 activation domain. It can bind and activate the ATCC synthetic promoter LitR-CYC1MIN (ATCC® SB-1059™). This regulator is part of the ATCC® Synthetic Biology Yeast Tool Kit (Detailed information is described in the ATCC® Synthetic Biology Solutions User Guide). Gateway® is a registered trademark of Thermo Fisher Scientific.

Volume: 2 µg to 3 µg

Storage Conditions

Storage conditions: 2°C to 8°C

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to

understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Insert Information

Insert size (kb): 0.782
M13 forward: 5'- GTTTTCCCAGTCACGAC - 3'
M13 reverse: 5'- CAGGAAACAGCTATGAC - 3'

Vector Information

Construct size (kb): 3.417
Type of vector: Entry vector
Markers: kanR

Handling Procedures

Before opening the vial, centrifuge at 6,000 x g for 30 seconds. Add 30 µL of Molecular Grade Water and incubate the vial at 4°C overnight to dissolve the DNA. Each vial contains 2-3 µg plasmid DNA (measured by PicoGreen® dsDNA quantitation assay).

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pENTR_L1L2_ LitR-VP64 (ATCC SB-1098)

References

References and other information relating to this material are available at www.atcc.org.

Warranty

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