Product Description:
A basic tool kit for the construction of gene expression systems and gene circuits in the yeast Saccharomyces cerevisiae.

This tool kit contains:
1. Four destination vectors: pDEST-12y (SB-1000®), pDEST-23y (SB-1001®), pDEST-34y (SB-1002®), and pDEST-45y (SB-1003®);
2. Three yeast vectors: pCarrier 3 (416) (SB-1004®), pCarrier 7 (426) (SB-1005®), and pCarrier 8 (integ) (SB-1024®);
3. One yeast selection maker: pENTR_L1L2_KanMX (SB-1006®);
4. Four yeast constitutive promoters: pENTR_L4R1_pHOG1 (SB-1008®), pENTR_L4R1_pHOT1 (SB-1035®), pENTR_L4R1_pYPD1 (SB-1041®), and pENTR_L4R1_pSKN7 (SB-1105®); and
5. One yeast inducible promoter: pENTR_L4R1_pGAL1 (SB-1046®); and
6. Two empty Entry vectors: pENTR_L1L2_DONR1 (SB-1013®) and pENTR_L4R1_DONR2 (SB-1014®). Details information of these plasmids can be found in these products' information and in the ATCC® Synthetic Biology Solutions User Guide.

Volume: purified plasmid DNA (2 to 3 µg/vial)

Description
Components
Rehydration Procedure

Before opening the vial, centrifuge at 6,000 x g for 30 seconds. Add 20 µL of sterilized water to dissolve the DNA. Each vial contains 2-3 µg plasmid DNA.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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