YEpGAL10-FLP [YEp51-FLP]

77174™

Description

Organism: *Saccharomyces cerevisiae,* 2 micron circle
Clone type: Clone
Host: *Escherichia coli*

Storage Conditions

Product format: Freeze-dried

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.

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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): 0.90000000000000002
Type of DNA: genomic
Insert information:
Genomic copy number: unique
Genome: Saccharomyces cerevisiae, 2 micron circle
Target gene: recombinase, site-specific
Gene name: recombinase, site-specific
Gene product: recombinase, site-specific [FLP]
Gene symbol: FLP
Contains complete coding sequence: Unknown
Insert end: HindIII; HaeIII

Vector Information

Construct size (kb): 7.699999809265137
Intact vector size: 6.800
Vector name: YEp51
Type of vector: plasmid
Host range: *Saccharomyces cerevisiae*; *Candida robusta*; *Escherichia coli*
Vector end: SalI; HindIII
Cloning sites: HindIII; SalI; BamHI
Markers: LEU2; ampR
Replicon: pMB1; 2 micron

Growth Conditions

Medium:

ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin
Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--3.4, 2.2 (doublet); HindIII/SalI--7.0, 0.9; SalI--7.8; PstI--6.8, 1.05; XbaI--7.8.
- ATCC staff

Plasmid to eliminate 2 micron circle plasmids and generate cir0 strains by overexpression of FLP.
- Methods Enzymol. 185: 234-279, 1990

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: YEpGAL10-FLP [YEp51-FLP] (ATCC 77174)

References

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

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Revision

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