



pFa6a-KANMX6- pADH1

87812™

Product Sheet

Description

Clone type: Vector

Host: *Escherichia coli* DH10B

Deposited As: E. 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.

Certificate of Analysis

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

Vector Information

Construct size (kb): 4.64799976348877

Intact vector size: 4.648

Vector name: pFa6a-KANMX6-pADH1 (plasmid)

Type of vector: plasmid

Construction: pCRTOP02.1

Cloning sites: PacI; PmeI; BglII

Markers: ampR

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): BglII—4.6; Sall/BglII—3.9, 0.7; EcoRI—4.6. Contains a functional truncated (700 nt) ADH promoter. The promoter is not down regulated during the exponential phase. The marker and promoter are flanked by the F4 primer site (5') and the R6 primer site (3'). The size of the F4/R6 PCR product should be 2005 nt. F4 primer sequence: 5'-(gene-specific sequence)GAATTCGAGCTCGTTTAAAC-3'. R6 primer sequence: 5'-(gene-specific sequence) CATTGTATATGAGATAGTTGA-3'.

- ATCC staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pFa6a-KANMX6-pADH1 (ATCC 87812)

References

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

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