



p416 TEF

87368™

Description

Clone type: Vector

Host: *Escherichia coli* HB101 (ATCC 33694)

Storage Conditions

Product format: Frozen

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

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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.

Vector Information

Construct size (kb): 5.526000022888184

Intact vector size: 5.526

Vector name: p416 TEF (plasmid)

Type of vector: plasmid

Construction: p416

Host range: *Saccharomyces cerevisiae*; *Escherichia coli*

Vector information: unique sites: SacI

Cloning sites: XhoI; Sall; ClaI; HindIII; EcoRI; SmaI; BamHI; SpeI; XbaI

Markers: ampR; URA3

MCS: XhoI...XbaI, ->, 2265-2328

Polylinker sites: XhoI; Sall; ClaI; HindIII; EcoRV; EcoRI; PstI; SmaI; BamHI; SpeI; XbaI

Promoters: TEF, <-, 2329-2731

Replicon: CEN6/ARSH4, →, 5012-5526

Terminator: CYC1, ->, 2005-2265

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): BamHI--5.6; EcoRI--5.6; SacI/XbaI--5.6; SacI--uncut. The vector appears to have lost the SacI site.

- ATCC staff

Low copy number shuttle expression vector.

- Gene 156: 119-122, 1995

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: p416 TEF (ATCC 87368)

References

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

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Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor
