



pCN60

77101™

Description

A *Pseudomonas/E. coli* shuttle vector constructed by ligating pCN40 (ATCC#77097) and pUC18 which had been linearized with KpnI. It retains the mobilization site of pBR322-derived vectors and can be mobilized if suitable functions are provided in trans. The vector contains the basic replicon of pPS10 which has been sequenced (EMBL accession number X58896). The repA portion is flanked by EcoRI sites (nt 536 and 1500), with the site at nt 536 between the repA promoter and coding sequences.

Clone type: Vector

Shipping information: *Escherichia coli* containing the plasmid in glycerol stock

Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

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): 8.699999809265137

Vector name: pCN60 (plasmid)

Type of vector: plasmid

Construction: pUC18, pCN40

Markers: strR; kanR; ampR

Replicon: repA; pMB1

Growth Conditions

Medium:

ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

Temperature: 37°C

Notes

Restriction digests of the vector gave the following bands (in kb): SmaI 7.6, 1.1; KpnI 6.0, 2.8; PstI 6.6, 2.4; XbaI 9.4; HindIII 8.2, 0.9. ---ATCC staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pCN60 (ATCC 77101)

References

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

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