



pSGP573

87720™

Description

Clone type: Vector

Host: *Escherichia coli* HB101 (ATCC 33694)

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

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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

Target gene: green fluorescent protein (GFP)

Vector Information

Construct size (kb): 9.30

Intact vector size: 9.300

Vector name: pSGP573 (plasmid)

Type of vector: plasmid

Construction: REP4X

Host range: *Schizosaccharomyces pombe*; *Escherichia coli*

Vector information:

Cloning capacity: Y

Cloning sites: XhoI; Sall; BamHI; SmaI

Coding sequence: GFP, -> GFP

Markers: ampR; ura4+

MCS: /strong> XhoI...SmaI, ->

Polylinker sites: XhoI; Sall; BamHI; SmaI

Promoters: Expression: nmt

Replicon: ars1

Growth Conditions

Medium:

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

Temperature: 37°C

Notes

GFP sequence corresponds to Genbank Accession number U87624 with nucleotides 7-720 of GFP matching nucleotides 21-734 of U87624, with additional modification S65T by changing codon to ACC.

- GenBank/EMBL/DDBJ

The order of the major features in this plasmid is: nmt promotor - XhoI - ATG -

GFP - GCT - NotI - Sall - BglII - SmaI - termination sequence - ars1 - pUC119

(3.3 kb) - ura4

- personal communication

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pSGP573 (ATCC 87720)

References

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

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Revision

This information on this document was last updated on 2021-05-19

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