



# pSGP573

## 87720™

Product Sheet

### Description

**Clone type:** Vector

**Host:** *Escherichia coli* HB101 (ATCC 33694)

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### Storage Conditions

**Product format:** Freeze-dried

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### 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.

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### 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](http://www.atcc.org).

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## Insert Information

**Target gene:** green fluorescent protein (GFP)

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## 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:** XhoI...SmaI, ->

**Polylinker sites:** XhoI; Sall; BamHI; SmaI

**Promoters:** Expression: nmt

**Replicon:** ars1

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## Growth Conditions

**Medium:**

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

**Temperature:** 37°C

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## 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 - SalI - BglII - SmaI - termination sequence - ars1 - pUC119 (3.3 kb) - ura4

- personal communication

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## Material Citation

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

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## Revision

This information on this document was last updated on 2024-10-25

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