



pCMV HSV S2P plasmid in *Escherichia coli*

99612™

Description

This clone encodes human S2P with an HSV epitope tag at the amino terminus.

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Organism: *Homo sapiens*, human

Clone type: Clone

Host: *Escherichia coli* HB101 (ATCC 33694)

Shipping information: *Escherichia coli* containing the plasmid

Storage Conditions

Product format: Freeze-dried

Storage conditions: 2°C to 8°C

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.

Insert Information

Insert size (kb): 1.7

Insert information:

Gene: S2P

Source : human

Genbank accession: AF019612

Insert end 5': NheI

Insert end 3': XbaI

Vector Information

Intact vector size: 5.4

Vector name: pcDNA3

Type of vector: phagemid

Markers: ampR; G418

Promoters: T7; SP6; CMV

Replicon: pMB1

Growth Conditions

Medium:

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

Temperature: 37°C

Handling Procedures

1. Open vial according to instructions.
 2. Aseptically add 0.3 to 0.4 mL of liquid medium to the freeze-dried pellet and mix well. Transfer 100 µL to a test tube containing 5 mL LB+ ampicillin (50-100 µg/mL). A loopful of culture can also be streaked on an agar plate of the same. Incubate cultures at 37°C.
 3. Isolate DNA using standard plasmid preparation procedures.
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Notes

Restriction digests of the clone gave the following sizes (in kb): NheI/XbaI – 5.4, 1.7 ; PstI – 4.0, 3.1 ; ClaI – 7.1 ; EcoRI – 7.1.

–ATCC Staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pCMV HSV S2P plasmid in *Escherichia coli* (ATCC 99612)

References

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

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