



pSVLfur 79822™

Product Sheet

Description

Organism: *Homo sapiens*, human

Clone type: Clone

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

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): 4.0999999999999996

Type of DNA: cDNA

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: unique
associated receptor protein)

Cross references: DNA Seq. Acc.: X17094

Genome: Homo sapiens

Chromosome: 15

15 q26.1

Target gene: paired basic amino acid cleaving enzyme (furin, membrane associated receptor protein)

Gene name: paired basic amino acid cleaving enzyme (furin, membrane

Gene product: paired basic amino acid cleaving enzyme (furin, membrane associated receptor protein)(paired basic amino acid cleaving enzyme, furin, paired basic amino acid cleaving enzyme) [FUR]

Gene symbol: PACE; FUR

Contains complete coding sequence: Yes

Insert end: Modification: EcoRI linkers

Vector Information

Construct size (kb): 9.0

Intact vector size: 4.889

Vector name: pSVL

Type of vector: plasmid

Construction: pBR322, SV40

Host range: vertebrate cells

Vector end: EcoRI

Cloning sites: XhoI; XbaI; SmaI; XmaI; SacI; BamHI

Markers: ampR

Polylinker sites: XhoI; XbaI; SmaI; XmaI; SacI; BamHI

Promoters: SV40 late

Replicon: pMB1; SV40

Terminator: SV40 late polyadenylation

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--6.6, 2.4; EcoRI--4.1, 2.7, 2.2; KpnI--3.9, 3.4, 1.8; PstI--3.1, 2.5, 2.0, 1.3; SmaI--5.8, 3.4.

- ATCC staff

The insert contains the following restriction sites (approximate kb from the 5' end): PstI--0.48, 2.42, 3.62; KpnI--0.58, 3.97; BamHI--1.84.

- GenBank/EMBL/DDBJ

Corresponds to nt 101-4180 of the sequence record. Constructed by introducing an EcoRI site in the SmaI site of the vector.

- personal communication

Contains the complete coding sequence (nt 217-2601).

- Mol. Biol. Rep. 14: 265-275, 1990

More information may be available from ATCC

(<http://www.atcc.org> or 703-365-2700).

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pSVLfur (ATCC 79822)

References

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

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