



pCMV-Myc-S1P

87718™

Description

Expression construct of full length hamster sterol-regulated site-1 protease, S1P. Insert encodes an epitope-tagged version of the protein including aa 1-23, three novel amino acids (GGR), three tandem copies of the 9E10 human c-Myc epitope tag, followed by aa 24-1052 of the protein. Restriction digests of the construct gave the following size (kb): BamHI/XbaI ? 5.8, 4.4; EcoRI ? 9.7, 0.5; HindIII ? 6.0, 2.4, 1.8.

---ATCC staff

Organism: *Cricetus cricetus*, hamster

Clone type: Clone

Deposited As: hamster

Shipping information: *Escherichia coli* HB101 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

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(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): 4.4000000000000004

Type of DNA: cDNA

Genome: hamster

Target gene: sterol-regulated site-1 protease

Gene name: sterol-regulated site-1 protease

Gene product: sterol-regulated site-1 protease [S1P]

Gene symbol: S1P

Vector Information

Construct size (kb): 10.19999980926514

Growth Conditions

Medium:

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

Temperature: 37°C

Handling Procedures

Transfer a loopful to a test tube containing 5 mL LB+50mg/mL of ampicillin broth. A loopful of culture can also be streaked on an LB + amp agar plate. Incubate cultures at 37⁰ C. Isolate DNA using standard plasmid preparation procedures.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pCMV-Myc-S1P (ATCC 87718)

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 2024-10-25

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