Mouse Notch1 in pcDNA1 in *Escherichia coli* MC1061/P3

MBA-105™

Description

Full length clone of mouse notch-1. Total size (kb): 13.2.

Organism: *Mus musculus*, mouse

Shipping information: *Escherichia coli* MC1061/P3 containing the plasmid

Storage Conditions

Product format: Frozen

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.

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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

Insert size (kb): 9.193
Type of DNA: cDNA
Insert source: Mus musculus
Gene name: Notch-1, full length
Gene product: Notch (Drosophila) homolog 1 (translocation-associated)
Insert end: EcoRI

Vector Information

Construct size (kb): 4
Intact vector size: 4
Vector name: pcDNA1
Type of vector: phagemid
Vector information: Origins: Col E1, SV40, M13
Cloning sites: BamHI; BstXI; EcoRI; EcoRV; HindIII; NotI; NsiI; PstI; SphI; XbaI; XhoI
Markers: supF
Primer site: T7, Sp6
Promoters: CMV, T7

Growth Conditions

Medium:
ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin
Temperature: 37°C

Handling Procedures

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Asceptically 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+50 µg/mL of ampicillin. A loopful of culture can also be streaked on an LB + amp agar plate. Incubate cultures at 37°C. Isolate DNA using standard plasmid preparation procedures.

Notes

Restriction digests of this clone gave the following sizes (in kb): PstI: 4.5, 2.8, 1.4, 0.85; HindIII: 7.1, 6.0; EcoRI: 9.0, 4.1

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Mouse Notch1 in pcDNA1 in *Escherichia coli* MC1061/P3 (ATCC MBA-105)

References

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

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Revision

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