



lambdahSSTR2-11

79046™

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Shipping information: bacteria-free lysate

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

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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): 15**Type of DNA:** genomic**Insert source:** placenta, male Caucasian**Insert tissue:** placenta, male Caucasian**Insert information:**

DESCRIPTION OF INSERT COMPONENT:

Cross references: DNA Seq. Acc.: M81830

Genome: Homo sapiens**Chromosome:** 17

17 q24

Gene name: somatostatin receptor 2**Gene product:** somatostatin receptor 2 [SSTR2]**Gene symbol:** SSTR2**Contains complete coding sequence:** Yes

Vector Information

Construct size (kb): 44.0**Intact vector size:** 41.900**Vector name:** lambdaFIX II**Type of vector:** phage**Host range:** *Escherichia coli***Vector end:** XhoI**Cloning sites:** NotI; Sall; XhoI; EcoRI**Polylinker sites:** XbaI; SacI; NotI; SacI; Sall; XhoI; EcoRI; XbaI**Promoters:** T3; T7**Replicon:** lambda

Notes

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Restriction digests of the clone give the following sizes (kb): EcoRI--26.5, 23.0, 2.0; XhoI-->23.0, 14.0; SacI--25.0, 16.5, 3.3, 2.9, 1.4, 1.2, 0.8; Sall--25.0, 15.5, 6.3, 4.4; XbaI--20.0, 9.2, 7.0, 3.9, 3.7, 2.2, 2.0, 1.8, 1.6.

- ATCC staff

A BamHI/XbaI fragment corresponds to nt 1-1293 of the GenBank record and contains the complete coding sequence (nt 15-1124).

- Proc. Natl. Acad. Sci. USA 89: 251-255, 1992

Detects a murine genomic EcoRI fragment of 8.2 kb.

- Proc. Natl. Acad. Sci. USA 89: 251-255, 1992

Additional GenBank/EMBL accession number: L05521.

- Genomics 15: 449-452, 1993

Detects human transcripts of 8.5 and 2.5 kb.

- Proc. Natl. Acad. Sci. USA 89: 251-255, 1992

More information may be available from ATCC (<http://www.atcc.org> or 703-365-2620).

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: lambdahSSTR2-11 (ATCC 79046)

References

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

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