



5HT1Dalpha

79986™

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): 1.1000000000000001

Type of DNA: genomic

Genome: Homo sapiens

Target gene: 5-hydroxytryptamine (serotonin) receptor 1D α

Gene name: 5-hydroxytryptamine (serotonin) receptor 1D α

Gene product: 5-hydroxytryptamine (serotonin) receptor 1D α [HTR1D α]

Gene symbol: HTR1D α *

Contains complete coding sequence: Yes

Insert end: Sall

Vector Information

Construct size (kb): 9.5

Intact vector size: 8.300

Vector name: p3CLHygro

Type of vector: plasmid

Construction: p3CL, pHEBo (hygR)

Host range: vertebrate cells

Vector end: Sall

Cloning sites: HindIII; Sall

Markers: hygR; ampR

Polylinker sites: HindIII; Sall

Promoters: CMV

Replicon: pMB1; SV40

Terminator: bGH 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--8.6,

0.92; BglII--7.8, 1.2, 0.48; HindIII--8.3, 0.92, 0.29; Sall--8.3, 1.2;

XhoI--5.2, 4.3; EcoRI--6.0, 2.4, 1.0.

- ATCC staff

Contains the complete coding sequence with only a few extra nucleotides. Insert

contains the following restriction sites (approximate kb from the 5' end):

BamHI--0.09, 1.00; BglII--0.11, 0.58; HindIII--0.84, 1.10; XhoI--0.88. The order

of the major features of the plasmid is: ampR - EcoRI - SV40 ori - SV40 promoter

- XhoI - hygR - tk polyadenylation - TaqI - SV40 polyadenylation - EcoRI - CMV

promoter >- HindIII - Sall - insert >- Sall - bGH polyadenylation - PvuI.

- personal communication

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: 5HT1Dalpha (ATCC 79986)

References

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

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