



5HT1Dbeta

79985™

Product Sheet

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Shipping information: Rehydrate with TE

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): 1.27

Type of DNA: genomic

Insert source: placenta, male

Insert tissue: placenta, male

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Insert 5' end: HindIII

Insert 3' end: Sall

Cross references: DNA Seq. Acc.: L09732

Genome: Homo sapiens

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

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

Gene product: 5-hydroxytryptamine (serotonin) receptor 1D beta [HTR1DB*]

Gene symbol: HTR1DB*

Contains complete coding sequence: Yes

Vector Information

Construct size (kb): 8.710000038146973

Intact vector size: 7.440

Vector name: p3CLNeo

Type of vector: plasmid

Construction: p3CL, neoR

Host range: vertebrate cells

Vector end: HindIII; Sall

Cloning sites: HindIII; Sall

Markers: G418R; ampR; G418

Polylinker sites: HindIII; Sall

Promoters: CMV

Replicon: pMB1; SV40

Terminator: bGH polyadenylation

Notes

Restriction digests of the clone give the following sizes (kb): BglI--3.2, 1.9, 1.8, 1.1, 0.7; HindIII/SalI--7.4, 1.3; PstI--6.5, 1.3, 0.9; PvuII--3.5, 2.3, 1.1, 0.78, 0.58, 0.44; SmaI--5.7, 3.0; EcoRI--6.0, 3.0; EcoRI/XhoI--6.0, 2.35, 0.65.

- ATCC staff

Includes 22 bp of 5' untranslated sequence, the complete coding region, and 64 bp of 3' untranslated sequence. The insert contains the following restriction sites (approximate kb from the 5' end): BglI--0.30; NcoI--0.03; PstI--0.13; PvuII--0.80; SmaI--0.82. The order of the major features of the plasmid is: ampR - EcoRI - SV40 ori - SV40 promoter - XhoI - neoR - SV40 polyadenylation - EcoRI - CMV promoter - HindIII - insert - SalI - bGH polyadenylation - PvuI.

- personal communication

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: 5HT1Dbeta (ATCC 79985)

References

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

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