



# 5HT1Dbeta

79984™

## Description

**Organism:** *Homo sapiens*, human

**Clone type:** Clone

**Host:** *Escherichia coli* HB101 (ATCC 33694)

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## Storage Conditions

**Product format:** Freeze-dried

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## 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.

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## 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](http://www.atcc.org).

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## 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

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## 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

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## Growth Conditions

**Medium:**

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

**Temperature:** 37°C

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## 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

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

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the

following manner: 5HT1Dbeta (ATCC 79984)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## Contact Information

## 5HT1Dbeta

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