



HJ-1

80024™

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

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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): 2**Type of DNA:** genomic**Insert information:**

DESCRIPTION OF INSERT COMPONENT:

Cross references: DNA Seq. Acc.: M84986

Nucleotides 1-1912 of the insert correspond to nucleotides 1-1912 of M84986.

Genome: Homo sapiens**Chromosome:** 6

6 q13

Gene name: 5-hydroxytryptamine (serotonin) receptor 1B**Gene product:** 5-hydroxytryptamine (serotonin) receptor 1B [HTR1B]**Gene symbol:** HTR1B**Contains complete coding sequence:** Yes**Insert end:** SacI

Vector Information

Construct size (kb): 5.0**Intact vector size:** 2.960**Vector name:** pBluescript**Type of vector:** phagemid**Construction:** pUC19**Host range:** *Escherichia coli***Vector end:** SacI**Enhancer:** none**Insert detection:** lacZ'**Markers:** ampR**Promoters:** lac; T3; T7**Replicon:** pMB1; f1

Terminator: none

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): BglII--4.8; HindIII--4.5, 0.26; NcoI/SalI--4.3, 0.78; SstI--2.85, 2.0; XhoI--4.8.

- ATCC staff

Contains an intronless open reading frame of 1170 nt that begins at nt 592 of the sequence.

- J. Biol. Chem. 267: 5735-5738, 1992

Enzymes not detecting polymorphism: BamHI BglI BglII EcoRI HindIII MspI PstI PvulI RsaI SstI TaqI XbaI.

- J. Biol. Chem. 267: 5735-5738, 1992

The insert contains the following restriction sites (approximate kb from the 5' end): BamHI--1.89; BglI--0.86; BglII--0.09; HindIII--0.12; NcoI--0.59; NotI--0.04; PstI--0.05, 0.16, 0.69; PvulI--0.51; Pvull--0.44, 1.35; SmaI--1.37.

- J. Biol. Chem. 267: 5735-5738, 1992

A 1.4 kb NcoI/SacI fragment has been subcloned into a mammalian expression vector and used to demonstrate function in kidney cell line 293.

- J. Biol. Chem. 267: 5735-5738, 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: HJ-1 (ATCC 80024)

References

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

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