



hDBI

99545™

Description

This is a cDNA clone contains the complete coding sequence of human diazepam binding inhibitor, DBI, cloned into the pGEM-7Zf(+) vector. It does not represent a complete copy of the mRNA because part of the 3 untranslated region is missing.

One of the EcoRI ends of the insert is naturally occurring; the other resulted from an adaptor used in a previous construct.

The mRNA transcript detected by this probe migrates below the 18S ribosomal RNA band.

- Mol. Cell. Endocrinol. 104: 153-162, 1994.

Organism: *Homo sapiens*, human

Clone type: Clone

Shipping information: *Escherichia coli* containing the phagemid

Storage Conditions

Product format: Freeze-dried

Storage conditions: 2°C to 8°C

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.



Biosafety Level 1

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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.

Insert Information

Insert size (kb): 0.40200000000000002

Type of DNA: cDNA

Insert source: prostate

Insert tissue: prostate

Gene product: diazepam binding inhibitor [DBI]

Vector Information

Construct size (kb): 3.401999950408936

Growth Conditions

Medium:

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

ampicillin

Temperature: 37°C

Handling Procedures

1. Open vial according to instructions.
 2. Aseptically add 0.3 to 0.4 mL of liquid medium to the freeze-dried pellet and mix well. Transfer 100 μ L to a test tube containing 5 mL LB+ ampicillin (50-100 μ g/mL). A loopful of culture can also be streaked on an agar plate of the same. Incubate cultures at 37°C.
 3. Isolate DNA using standard plasmid preparation procedures.
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Notes

Restriction digests of the clone gave the following sizes (in kb): EcoRI 3.0, 0.4 ; HindIII 3.4, 0.1 ; BamHI 3.4.. ATCC Staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: hDBI (ATCC 99545)

References

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

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Revision

This information on this document was last updated on 2021-05-19

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