



# 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

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### Storage Conditions

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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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

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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):** 0.40200000000000002

**Type of DNA:** cDNA

**Insert source:** prostate

**Insert tissue:** prostate

**Gene product:** diazepam binding inhibitor [DBI]

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## Vector Information

**Construct size (kb):** 3.401999950408936

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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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## 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  $\mu$ L to a test tube containing 5 mL LB+ ampicillin (50-100  $\mu$ g/mL). A loopful of culture can also be streaked on an agar plate of the same. Incubate cultures at 37<sup>0</sup> 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

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## Material Citation

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

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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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