



# pBJ5-HD1-F

99630™

## Description

**Organism:** *Homo sapiens*

**Clone type:** Clone

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

**Deposited As:** human

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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):** 1.5

**Type of DNA:** cDNA

**Insert source:** Jurkat T cells

**Insert tissue:** Jurkat T cells

**Insert information:**

**Insert 5' end:** NotI, SacII

**Insert 3' end:** SalI

**Cross references:** DNA Seq. Acc.: U50079

Nucleotides ~1-1449 of the insert correspond to nucleotides 111-1559 of U50079.

**Genome:** human

**Chromosome:** 1

1 p34.1

**Target gene:** histone deacetylase 1

**Gene name:** histone deacetylase 1

**Gene product:** histone deacetylase 1 [HDAC1]

**Gene symbol:** HDAC1

**Contains complete coding sequence:** Yes

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### Vector Information

**Construct size (kb):** 4.8

**Intact vector size:** 3.300

**Vector name:** pBJ5

**Type of vector:** plasmid

**Host range:** mammalian cells

**Vector end:** SacII; EcoRI

**Vector information:** Excise insert: BamHI

Promoter giving sense strand: Sralpha

other: 16S splice site, →

**Cloning sites:** NotI; SacII; SfiI; EcoRI

**Markers:** ampR

**MCS:** NotI...EcoRI, →

**Polylinker sites:** NotI; SacII; SfiI; EcoRI; BamHI

**Promoters:** Sralpha

**Terminator:** polyadenylation, →

**Transcription terminator:** poly(A)

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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): BamHI--3.3, 1.5;  
EcoRV--4.8.

- ATCC staff

Produces protein tagged at the C-terminus with the FLAG epitope.

- Science 272: 408-411, 1996

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## Material Citation

If use of this material results in a scientific publication, please cite the  
material in the following manner: pBJ5-HD1-F (ATCC 99630)

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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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## Revision

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

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## Contact Information

# pBJ5-HD1-F

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Product Sheet

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