



pBJ5-HD1-F

99630™

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Host: *Escherichia coli* HB101 (ATCC 33694)

Deposited As: human

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

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): 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

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

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Markers: ampR**MCS:** NotI...EcoRI, →**Polylinker sites:** NotI; SacII; SfiI; EcoRI; BamHI**Promoters:** Sralpha**Terminator:** polyadenylation, →**Transcription terminator:** poly(A)

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): 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

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)

References

References and other information relating to this material are available at

www.atcc.org.

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