



Hubs-5B [Hs1]

79567™

Product Sheet

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Shipping information: Rehydrate with TE

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): 1.8

Type of DNA: cDNA

Insert source: brainstem

Insert tissue: brainstem

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: unique

(calcineurin B)

Cross references: DNA Seq. Acc.: M30773

Nucleotides 1-1836 of the insert correspond to nucleotides 713-2548 of M30773.

Genome: Homo sapiens

Chromosome: 2

2

Gene name: protein phosphatase 3 (formerly 2B), regulatory subunit

Gene product: protein phosphatase 3 (formerly 2B), regulatory subunit (calcineurin B) [PPP3R*]

Gene symbol: PPP3R*

Contains complete coding sequence: Yes

Insert end: Modification: EcoRI linkers

Vector Information

Construct size (kb): 45.5

Intact vector size: 43.700

Vector name: lambdagt11

Type of vector: phage

Construction: lambdagt7-lac5(b522 nin5); lambdagt4(cl857 S100 nin5)

Host range: *Escherichia coli*

Vector end: EcoRI

Vector information:

Cloning capacity: 7.2 kb

Cloning sites: EcoRI

Insert detection: lacZ

Promoters: lac

Replicon: lambda

Repressor gene: cl857

Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--24.0, 20.0, 0.35, 0.28 (doublet); BamHI--16.0, 11.0, 6.5 (doublet), 5.6; BglII--19.0, 15.0, 7.0, 2.4, 0.7; EcoRV--5.6, 5.3, 4.5 (doublet), 3.7 (doublet), 3.3, 3.1, 2.5, 1.5, 1.4 (doublet), 1.3, 0.75, 0.6 (doublet); HindIII--21.0, 9.4, 6.0, 4.4, 3.8, 0.6; NdeI--20.0, 5.8 (doublet), 3.8, 2.4, 2.2, 1.7, 1.6, 0.55.

- ATCC staff

Corresponds to nt 804-2548 of the GenBank record. It does not include the complete coding sequence (nt 759-1271).

- DNA 8: 675-682, 1989

Detects a 2.8-2.9 kb mRNA in rabbit brain, and a slightly smaller transcript in murine muscle and kidney.

- DNA 8: 675-682, 1989

The insert contains the following restriction sites (approximate kb from the 5' end): BglII--0.61; EcoRI--0.27, 0.50, 1.57; EcoRV--0.53, 1.51; HincII--1.12; HindIII--0.13; NdeI--0.87; SphI--1.76.

- DNA 8: 675-682, 1989

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Hubs-5B [Hs1] (ATCC 79567)

References

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

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Product Sheet

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