Product Sheet

Hubs-5B [Hs1]

79567[™]

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



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For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

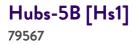
Insert Information

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: EcoBI 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



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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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Revision

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