



beta5 clone 5.1

95496™

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Host: *Escherichia coli* HB101 (ATCC 33694)

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): 3.1739999999999999

Type of DNA: cDNA

Insert source: thymus epithelium

Insert tissue: thymus epithelium

Insert information:

Genomic copy number: unique

Genome: Homo sapiens

Gene name: integrin, beta 5

Gene product: integrin, beta 5(integrin beta 5) [ITGB5]

Gene symbol: ITGB5

Contains complete coding sequence: Yes

Insert end: Modification: EcoRI linker

Vector Information

Construct size (kb): 6.130000114440918

Intact vector size: 2.964

Vector name: pBluescript KS+

Type of vector: phagemid

Construction: pUC19

Host range: *Escherichia coli*

Vector end: EcoRI closer to XhoI site; EcoRI

Cloning sites: SacII; XmaI; NotI; XbaI; SpeI; BamHI; SmaI; PstI; EcoRI; EcoRV;

HindIII; ClaI; Sall; HincII; AclI; XhoI; DralI; ApaI; KpnI

Enhancer: none

Insert detection: lacZ'

Markers: ampR

Polylinker sites: SEE COMMENTS

Promoters: T7; T3; lac

Replicon: pMB1; f1

Terminator: none

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): EcoRI--3.1, 3.0;
PstI--3.9, 1.0, 1.0, 0.2; KpnI--5.0, 0.9; PvuII--2.4, 2.1, 1.4; BamHI--6.0.

- ATCC staff

The insert contains the following restriction sites (approximate kb from the
5'

end): PstI--0.64, 1.73, 1.92, 2.14; KpnI--0.92; PvuII--1.92.

- GenBank/EMBL/DDBJ

Material Citation

If use of this material results in a scientific publication, please cite the
material in the following manner: beta5 clone 5.1 (ATCC 95496)

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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