



# beta5 clone 5.1

95496™

## Description

**Organism:** *Homo sapiens*, human

**Clone type:** Clone

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

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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

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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):** 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 Accl; XhoI; Drall; ApaI; KpnI

**Enhancer:** none**Insert detection:** lacZ'**Markers:** ampR**Polylinker sites:** SEE COMMENTS**Promoters:** T7; T3; lac**Replicon:** pMB1; f1

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**Terminator:** none

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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): 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

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**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)

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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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