



# clone 3.10

95492™

## Description

Detects:

Genome: Homo sapiens

Tissue: fibroblast MRC cell line

Gene symbol: ITGA3

Type of nucleic acid: mRNA

Invariant bands (kb): 5.0

**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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## Biosafety Level 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

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):** 3.4700000000000002

**Type of DNA:** cDNA

**Insert source:** endothelium cells and HepG2 cell line

**Insert tissue:** endothelium cells and HepG2 cell line

**Insert information:**

DESCRIPTION OF INSERT COMPONENT:

receptor)

Cross references: DNA Seq. Acc.: M59911

Nucleotides 1-3470 of the insert correspond to nucleotides 1-3470 of M59911.

**Genome:** Homo sapiens

**Gene name:** integrin, alpha 3 (CD49C, alpha 3 subunit of VLA-3

**Gene product:** integrin, alpha 3 (CD49C, alpha 3 subunit of VLA-3 receptor)(integrin, alpha 3 subunit) [ITGA3]

**Gene symbol:** ITGA3

**Contains complete coding sequence:** Yes

**Insert end:** Modification: Sall linker; Modification: Xbal linker

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### Vector Information

**Construct size (kb):** 6.730000019073486

**Intact vector size:** 2.961

**Vector name:** pBluescript II KS+

**Type of vector:** phagemid

**Host range:** *Escherichia coli*

**Vector end:** XbaI closer to SacI; XbaI

**Cloning sites:** BssHII; KpnI; Apal; DralI; XhoI; HincII; Accl; Sall; ClaI; HindIII; EcoRI;

PstI; SmaI; BamHI; XbaI; NotI; EagI; SacI

**Insert detection:** lacZ'

**Markers:** ampR

**Polylinker sites:** BssHII; KpnI; Apal; DralI; XhoI; HincII; Accl; Sall; ClaI; HindIII;

EcoRI; PstI; SmaI; BamHI; XbaI; NotI; EagI; SacI

**Replicon:** pMB1; f1

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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): XbaI--3.5, 3.0;  
HindIII--6.5; EcoRI--6.5; BamHI--3.1, 2.9, 0.5; NdeI--6.5.

- ATCC staff

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

end): HindIII--2.39; EcoRI--2.47; BamHI--2.7, 3.32.

- J. Cell Biol. 115: 257-266, 1991

Constructed from clones 3.410, 3.285 and 3.520.

- J. Cell Biol. 115: 257-266, 1991

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: clone 3.10 (ATCC 95492)

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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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## Revision

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