



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)

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): 3.4700000000000002

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

Vector Information

Construct size (kb): 6.730000019073486

Intact vector size: 2.961

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Vector name: pBluescript II KS+**Type of vector:** phagemid**Host range:** *Escherichia coli***Vector end:** XbaI closer to SacI; XbaI**Cloning sites:** BssHII; KpnI; ApaI; DraI; XhoI; HincII; AccI; SalI; ClaI; HindIII; EcoRI; PstI;

SmaI; BamHI; XbaI; NotI; EagI; SacI

Insert detection: lacZ'**Markers:** ampR**Polylinker sites:** BssHII; KpnI; ApaI; DraI; XhoI; HincII; AccI; SalI; ClaI; HindIII; EcoRI; PstI;

SmaI; BamHI; XbaI; NotI; EagI; SacI

Replicon: pMB1; f1

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): 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

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)

References

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

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Product Sheet

Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor
