

77321TM

Description

Organism: Bos taurus, cow

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.

BSL₁

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.

Insert Information

Insert size (kb): 1.1000000000000001

Type of DNA: cDNA

Insert source: fibropapilloma **Insert tissue:** fibropapilloma

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Insert 5' end: Modification: GC Insert 3' end: Modification: AT

Cross references: DNA Seq. Acc.: M36271

Genome: Bos taurus

Gene name: transforming growth factor, beta 1

Gene product: transforming growth factor, beta 1 [TGFB1]

Gene symbol: TGFB1

Contains complete coding sequence: Unknown

Vector Information

Construct size (kb): 4.400000095367432

Intact vector size: 3.000
Vector name: pcDV1
Type of vector: plasmid
Construction: pBR322, SV40
Host range: vertebrate cells

Cloning sites: Sall; Clal; HindIII; EcoRI; Kpnl

Enhancer: none Markers: ampR Promoters: none Replicon: pMB1



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Terminator: SV40 late

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): XhoI--2.9, 1.5; KpnI--4.4; BamHI--3.1, 1.4.

- ATCC staff

Corresponds to nt 1-1117 of the published sequence.

- Mol. Endocrinol. 1: 693-698, 1987

A partial cDNA clone that lacks the 5' untranslated region and the first 223 nt of the precursor coding sequence but encodes the complete mature protein.

- Mol. Endocrinol. 1: 693-698, 1987

Insert contains the following restriction sites (approximate kb from the 5' end): Ball--0.57; Kpnl--0.72; Smal--0.82; Pvull--0.94.

- Mol. Endocrinol. 1: 693-698, 1987

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pBTGFbeta1 [bTGF-beta1 clA] (ATCC 77321)

References

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

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