



# CD70 [CD70.1]

95672™

## 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

## CD70 [CD70.1]

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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):** 0.89000000000000001

**Type of DNA:** cDNA

**Insert source:** B-lymphocyte JY cell line, EBV transformed

**Insert tissue:** B-lymphocyte JY cell line, EBV transformed

**Insert information:**

DESCRIPTION OF INSERT COMPONENT:

Cross references: DNA Seq. Acc.: L08096

Nucleotides 6-888 of the insert correspond to nucleotides 19-901 of L08096.

**Genome:** Homo sapiens

**Chromosome:** 19

19 p13

**Target gene:** CD70 antigen (CD27 ligand)

**Gene name:** CD70 antigen (CD27 ligand)

**Gene product:** CD70 antigen (CD27 ligand) [CD70]

**Gene symbol:** CD70; CD70.1; CD27LG; CD27L

**Contains complete coding sequence:** Yes

**Insert end:** Modification: BstXI adapt

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### Vector Information

**Construct size (kb):** 5.099999904632568

**Intact vector size:** 4.200

**Vector name:** pMT2

**Type of vector:** plasmid

**Construction:** pBR322; Ad VAI; Ad VAI1;

**Host range:** vertebrate cells

**Vector end:** BstXI

**Vector information:**

other: non-coding DHFR

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**Cloning sites:** EcoRI

**Markers:** ampR

**Promoters:** adenovirus major late

**Replicon:** pMB1; SV40

**Terminator:** SV40

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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): Apal--5.4;

EcoRI--4.4, 0.96; NheI--3.8, 1.6; SmaI--4.6, 0.76; XhoI--5.4.

- ATCC staff

The insert contains the following restrictions sites (approximate kb from the 5' end): SmaI--0.05, 0.80; NheI--0.11; XhoI--0.29; Apal--0.37.

- 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: CD70 [CD70.1] (ATCC 95672)

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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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