



CD70 [CD70.1]

95672™

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Host: 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

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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): 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

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

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): 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

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)

References

References and other information relating to this material are available at

www.atcc.org.

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Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

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Worldwide telephone: +1-703-365-2700

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