



pBS-hCD40L-6A9

79812™

Product Sheet

Description

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): 1.1000000000000001

Type of DNA: cDNA

Insert source: CD4-positive T-cells

Insert tissue: CD4-positive T-cells

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Cross references: DNA Seq. Acc.: L07414

Genome: Homo sapiens

Chromosome: X

X q26

Gene name: CD40 antigen ligand

Gene product: CD40 antigen ligand [CD40L]

Gene symbol: CD40LG; CD40L

Contains complete coding sequence: Yes

Insert end: EcoRI

Vector Information

Construct size (kb): 4.059999942779541

Intact vector size: 2.961

Vector name: pBluescript II SK

Type of vector: phagemid

Host range: *Escherichia coli*

Vector end: EcoRI

Cloning sites: BssHII; KpnI; Apal; Drall; XhoI; HincII; Accl; Sall; ClaI; HindIII; EcoRI; PstI;

SmaI; BamHI; XbaI; NotI; EagI; SacI

Insert detection: lacZ'

Markers: ampR

Polylinker sites: BssHII; KpnI; Apal; Drall; XhoI; HincII; Accl; Sall; 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): BamHI--3.8, 0.2; HindIII--3.3, 0.7; NcoI--4.0; PvuII--2.6, 1.0, 0.6; EcoRI--3.0, 1.2.

- ATCC staff

Contains the complete coding sequence (nt 40-825 of the sequence record). The sequence at the 5' end is GAATTCGCGGCCGCT from an EcoRI/NotI linker. The 3' end is a naturally occurring EcoRI site (nt 1117 of the published sequence).

- personal communication

The insert contains the following restriction sites (approximate kb from the 5' end): BamHI--0.93; HindIII--0.58; NcoI--0.78; PvuII--0.52.

- FEBS Lett. 315: 259-266, 1993

More information may be available from ATCC
(<http://www.atcc.org> or 703-365-2700).

Material Citation

If use of this material results in a scientific publication, please cite the material in the

following manner: pBS-hCD40L-6A9 (ATCC 79812)

References

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

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Contact Information

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