



pcDmouseIL-2 [MT-1]

39892™

Description

Organism: *Mus musculus*, mouse

Clone type: Clone

Host: *Escherichia coli* MC1061; 3943B

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Patent number:

4,798,789

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Storage Conditions

Product format: Frozen

Intended Use

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BSL 1

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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): 0.8159999999999995

Type of DNA: cDNA

Insert source: T-cell line LB2-1 (ATCC CRL-8629), Con A-induced

Insert strain: C57BL/6

Insert tissue: T-cell line LB2-1 (ATCC CRL-8629), Con A-induced

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: unique

Insert 5' end: Modification: GC

Insert 3' end: Modification: AT

Cross references: DNA Seq. Acc.: K02292

Genome: mouse

Chromosome: 3

3

Target gene: interleukin 2

Gene name: interleukin 2

Gene product: interleukin 2 [IL2]

Gene symbol: IL2

Contains complete coding sequence: Yes

Vector Information

Construct size (kb): 3.799999952316284

Intact vector size: 3.000

Vector name: pcDV1

Type of vector: plasmid

Construction: pBR322, SV40

Host range: vertebrate cells

Cloning sites: Sall; ClaI; HindIII; EcoRI; KpnI

Enhancer: none

Markers: ampR

Promoters: none

Replicon: pMB1

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): HindIII--3.2, 0.94; PstI--2.9, 1.35; XhoI--3.0, 1.1.

- ATCC staff

Contains the complete coding sequence (nt 49-557). Digestion with XhoI excises the insert plus flanking vector sequence. The insert contains the following restriction sites (approximate kb from the 5' end): BglI--0.70; BglII--0.31; HindIII--0.38; PstI--0.04; Pvull--0.20; SacI--0.22; SphI--0.06.

- Proc. Natl. Acad. Sci. USA 82: 68-72, 1985

.patent

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pcDmouseLL-2 [MT-1] (ATCC 39892)

References

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

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