



pAW711

39918™

Description

Clone type: Clone

Host: *Escherichia coli* DG95lambda

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Patent number:

4,677,063

Technical information: ATCC Product Experience does not have technical information on patent deposits that are not produced or characterized by ATCC. Additional information can be found in the corresponding patent available from the patent holder or with the U.S. and/or international patent office.

Storage Conditions

Product format: Freeze-dried

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): 1.3799999999999999

Type of DNA: cDNA

Insert information:

Genomic copy number: unique

Insert 5' end: HindIII

Insert 3' end: BamHI

Cross references: DNA Seq. Acc.: I04169

Genome: human

Chromosome: 6

6 p21.3

Gene name: tumor necrosis factor, alpha (cachectin)

Gene product: tumor necrosis factor, alpha (cachectin) [TNFA]

Gene symbol: TNFA

Contains complete coding sequence: Unknown

Vector Information

Construct size (kb): 7.400000095367432

Intact vector size: 5.610

Vector name: pFC54.t

Type of vector: plasmid

Construction: pFC54, pHCW801

Vector end: HindIII; BamHI

Cloning sites: BamHI; HindIII

Markers: ampR

Growth Conditions

Medium:

ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

Temperature: 30°C

Notes

Restriction digests of the clone give the following sizes (kb):

HindIII/BamHI--5.6, 0.74, 0.6; HindIII--6.4, 0.6; BamHI--6.9; PstI--4.2, 2.6;

AvaI--6.9.

- ATCC staff

This should not be grown at temperatures exceeding 30C.

- U.S. Pat. 4,677,063 dated June 30, 1987

This was constructed by ligating a HindIII/BamHI fragment of pFC54.t (ATCC 39789) to the HindIII/PstI and PstI/BamHI portions of the cDNA.

- U.S. Pat. 4,677,063 dated June 30, 1987

Contains an engineered HindIII and AUG sequence upstream of the GTC codon for the first valine of the processed TNF (nt 314 of the sequence record). Also contains 600 bp of 3' untranslated sequence.

- U.S. Pat. 4,677,063 dated June 30, 1987

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.patent

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pAW711 (ATCC 39918)

References

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

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