



pTTR3

53306™

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Host: *Escherichia coli* MC1061; 3943B

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Patent number:

4,816,388

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): 0.5999999999999998

Type of DNA: cDNA

Insert source: liver

Insert tissue: Liver

Insert information:

Genomic copy number: unique

Genome: human

Chromosome: 18

18 q12.1

Gene name: transthyretin (prealbumin, amyloidosis type I)

Gene product: transthyretin (prealbumin, amyloidosis type I) [TTR]

Gene symbol: TTR; PALB

Alleles: A1, A2, A1, A2, A2, A2, A1, A1

Contains complete coding sequence: Unknown

Insert end: Modification: GC tails

Vector Information

Construct size (kb): 4.400000095367432

Intact vector size: 3.800

Vector name: pKT218

Type of vector: plasmid

Construction: pBR322

Host range: *Escherichia coli*

Vector end: PstI

Cloning sites: Aval; EcoRI; HindIII; PvuII; PstI

Enhancer: none

Markers: tetR

Promoters: amp

Replicon: pMB1

Terminator: none

Growth Conditions

Medium:

ATCC Medium 1273: LB medium (ATCC medium 1065) with 20 mcg/ml tetracycline

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--4.3; HindIII--4.3; BamHI--4.3; EcoRI/HindIII--4.3; Pst--3.7, 0.6.

- ATCC staff

When DNA is digested with NsiI, this probe detects bands of 6.5 and 3.1 kb in normal human DNA, and bands of 6.5, 3.1, 4.9 and 1.6 in individuals with familial amyloid polyneuropathy type 1.

- U.S. Pat. 4,816,388 dated Mar. 28, 1989

.tail_inf

.patent

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pTTR3 (ATCC 53306)

References

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

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