



pSODalpha2

39786™

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Host: *Escherichia coli*

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Patent number:

4,742,004

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Product format: Freeze-dried

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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): 0.88

Type of DNA: cDNA

Insert information:

Genomic copy number: unique

Genome: human

Chromosome: 21

21 q22.1

Gene name: superoxide dismutase 1, soluble

Gene product: superoxide dismutase 1, soluble(superoxide dismutase, Cu-Zn) [SOD1]

Gene symbol: SOD1

Alleles: B1, B2

Contains complete coding sequence: Unknown

Insert end: HindIII; NdeI

Vector Information

Construct size (kb): 2.880000114440918

Intact vector size: 2.000

Vector name: pBRM

Type of vector: plasmid

Construction: pBR322

Host range: *Escherichia coli*

Vector end: BamHI

Cloning sites: BamHI; EcoRI

Markers: ampR

Replicon: pMB1

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): BamHI—2.0, 0.88; HindIII—uncut; EcoRI—2.6, 0.30.

- ATCC staff

This should not be grown at temperatures exceeding 30C.

- personal communication

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Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pSODalpha2 (ATCC 39786)

References

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

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Revision

This information on this document was last updated on 2025-05-05

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Product Sheet

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