



pZJMalpha

MBA-140™

Product Sheet

Description

Clone type: Vector

Genotype: ampR, phleomycinR

Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

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): 0.66000000000000003

Type of DNA: genomic

Target gene: tubulin, alpha

Gene product: tubulin, alpha

Vector Information

Construct size (kb): 6.4

Vector name: pZJMalpha (plasmid)

Type of vector: shuttle

Construction: A 656bp fragment of tubulin is cloned into XhoI/HindIII site.

Markers: bleoR; ampR

MCS: XhoI, XbaI, NdeI, HpaI, HindIII, SfiI

Operator: Tet

Replicon: E. coli Ori

Terminator: T7

Transcription terminator: Actin3' UTR; Aldolase 3' UTR

Growth Conditions

Medium:

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

Temperature: 37°C

Material Citation

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

following manner: pZJMalpha (ATCC MBA-140)

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 2024-10-25

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