



pBact-myc

87060™

Product Sheet

Description

Clone type: Vector

Host: *Escherichia coli* HB101 (ATCC 33694)

Storage Conditions

Product format: Freeze-dried

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.

Vector Information

Construct size (kb): 5.618000030517578

Intact vector size: 5.618

Vector name: pBact-myc (plasmid)

Type of vector: plasmid

Construction: pBact16, pUC18, c-myc

Host range: mammalian cells

Vector information:

other: Kozak consensus sequence

other: c-myc epitope sequence, ->

other: Kozak consensus sequence

other: c-myc epitope sequence

Cloning sites: EcoRI; ClaI

Markers: ampR

Polylinker sites: HindIII; NcoI; EcoRI; ClaI; HindIII

Promoters: beta-actin

Replicon: pMB1

Restriction sites: ClaI; EcoRI; HindIII; NcoI

Terminator: SV40 polyadenylation

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--5.6,

PstI--4.8, 0.45, 0.35; EcoRI--5.6.

- ATCC staff

Shuttle expression vector allowing production of a fusion protein containing an amino terminal c-myc epitope tag (FQKLISEEDLN), that can be used for immunological detection of the recombinant protein in transfected cells.

- Gene 137: 139-143, 1993

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pBact-myc (ATCC 87060)

References

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

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Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor
