



Product Sheet

pBact-myc (ATCC® 87060™)

Please read this FIRST



Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: pBact-myc (ATCC® 87060™)

Shipping Information

Distributed: freeze-dried

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Designation: pBact-myc
Distribution Host:
Distribution host: *Escherichia coli* HB101 (ATCC 33694)

Propagation

Growth Conditions
Temperature: 37.0°C
Medium
ATCC® Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

Vector Information

Size (kb): 5.6180000305175780
DESCRIPTION OF VECTOR:
Intact vector size: 5.618
Type of vector: plasmid
Cloning sites: EcoRI Clal
Polylinker sites: HindIII NcoI EcoRI Clal HindIII
Construction: pBact16, pUC18, c-myc
Host range: *Escherichia coli*; mammalian cells
Features (with orientation and position when available):
promoter: beta-actin, ->
restriction site: HindIII
other: Kozak consensus sequence
restriction site: NcoI
other: c-myc epitope sequence, ->
restriction site: EcoRI
restriction site: Clal
restriction site: HindIII
terminator: SV40 polyadenylation
replicon: pMB1
marker(s): ampR, <-
Vector: pBact-myc (plasmid)
Promoters: Promoter beta-actin
Construction: pBact16, pUC18, c-myc
Marker(s): ampR
Construct size (kb): 5.618000030517578
Features: marker(s): ampR
other: Kozak consensus sequence
other: c-myc epitope sequence
promoter: beta-actin
replicon: pMB1
restriction site: Clal
restriction site: EcoRI
restriction site: HindIII
restriction site: NcoI
terminator: SV40 polyadenylation

References

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

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



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immunological detection of the recombinant protein in transfected cells.
- Gene 137: 139-143, 1993

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

Additional information on this culture is available on the ATCC web site at www.atcc.org.
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