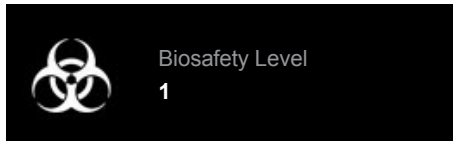




Product Sheet

pGH202 plasmid in Streptomyces lividans (ATCC® 39896™)

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: pGH202 plasmid in *Streptomyces lividans* (ATCC® 39896™)

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: pGH202 plasmid in *Streptomyces lividans*

Distribution Host:

Distribution host: *Streptomyces lividans*

Propagation

Growth Conditions

Temperature: 30.0°C

Medium

YEME-thiostrepton medium

Vector Information

Size (kb): 11.30

Vector: pGH202 (plasmid)

Construction: pEHB1.6 pIJ702

Marker(s): ampR tsrR

Construct size (kb): 11.30

Features: marker(s): ampR

marker(s): tsrR

replicon: pIJ101

replicon: pMB1

signal peptide coding region: endo H

coding sequence: endo H

References

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

Notes

Shuttle expression vector permitting secretion of fusion proteins from *S. lividans* hosts. pGH202 (ATCC 39896) and pGH205 (ATCC 39895) differ in that the latter includes a promoter element for aminoglycoside phosphotransferase (aph). *S. lividans* transformed with this plasmid will secrete endo H when grown in this medium: Difco yeast extract (3 g/L), Difco peptone (5 g/L), Oxoid malt extract (3 g/L), glucose (10 g/L), sucrose (340 g/L), and 5 mM MgCl₂.
- U.S. Pat. 4,745,056 dated May 17, 1988

.patent

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

This product is intended for laboratory research purposes only. It is not intended for use in humans.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product



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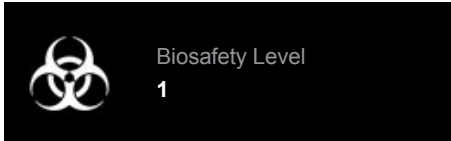
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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

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

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