**Description**

**Designation:** pHL3 [HIS3 --> LEU2 converter]

**Propagation**

**Growth Conditions**

- **Temperature:** 37.0°C
- **Medium:**
  - ATCC® Medium 1675: LB medium (ATCC medium 1065) with 10 mcg/ml Chloramphenicol

**Vector Information**

- **Size (kb):** 7.6999998092651370
- **Vector:** pHL3 (phagemid)
- **Construction:** pBC KS+
- **Marker(s):** LEU2, cmlR
- **Construct size (kb):** 7.699999809265137
- **Features:**
  - gene disruption cassette: his3::LEU2
  - marker(s): cmlR
  - replicon: f1
  - replicon: pMB1
  - restriction site: ApaI, SalI
  - restriction site: PstI

**References**

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

**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 If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.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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Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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