Cloning vector with thiostrepton resistance (tsrR) and tyrosinase production (mel+) markers.

**Designation:** pIJ702 plasmid in *Streptomyces lividans*

**Type of vector:** Plasmid

**Total size (in kb):** 5.65

**Markers:** mel+, tsrR

**Promoters:** Unknown

**Replicon:** Unknown

**Cloning site:** Bgl II

Asceptically add 0.3 to 0.4 mL of liquid medium to the freeze-dried pellet and mix well. Transfer 100 µL to a test tube containing 5 mL R2 YE media +thiostrepton (50 µg/mL). A loopful of culture can also be streaked on an R2 YE agar plate. Incubate cultures at 30°C.

**Growth Conditions**

**Temperature:** 30°C

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.

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