

GIPZ™ Lentiviral shRNA – Glycerol Stocks

Applies to all GIPZ Lentiviral shRNA products provided in tubes and microtiter plates as glycerol stocks.

Product Description:

Dharmacon GIPZ Lentiviral shRNA plasmid vectors are supplied in transformed bacterial cultures grown in the presence of glycerol for storage, either in tubes or microtiter plates.

Quality Control:

All cultures are checked for growth before shipment.

Conclusion:

Individual constructs are shipped as bacterial cultures of *E. coli* (PrimePlus) in 2x LB broth (low salt) medium with 8% glycerol, 100 µg/mL carbenicillin and 25 µg/mL zeocin. Individual constructs are shipped on wet ice. Collections are shipped in 96-well plate format on dry ice. Individual constructs and collections should be stored at -80 °C. **To allow any CO₂ that may have dissolved into the media from the dry ice in shipping to dissipate, please store constructs at -80 °C for at least 48 hours before thawing.**

Important Safety Note:

Please follow the safety guidelines for use and production of vector-based lentivirus as set by your institution's biosafety committee.

- For glycerol stocks of *E. coli* containing lentiviral plasmids, BSL1 guidelines should be followed
- For handling and use of lentiviral products to produce lentiviral particles, BSL2 or BSL2+ guidelines should be followed
- For handling and use of lentiviral particle products, BSL2 or BSL2+ guidelines should be followed

Please note that GIPZ vectors are not compatible with third generation packaging systems such as ViraPower™. We recommend the Trans-Lentiviral shRNA Packaging System for use with our vectors.

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