



## Cell & Gene solutions Technical Specifications

# CSafe Cell & Gene

Passive temperature-controlled packaging with VIP insulation

CSafe's Cell & Gene portfolio mitigates the risk of real world distribution with features designed to improve product handling and unforeseen service disruptions.

Our solutions provide industry-leading temperature protection with VIP and extended hold times. In addition, these solutions have been designed to hibernate in the case of unexpected delays.

With simplified product handling and integrated features to help avoid error during the pack-out process your chain of custody checks are easier.

With your commercialization process in mind, CSafe has designed this product portfolio to meet the rigorous Cell & Gene supply chain needs.

### Solution advantages:

- Superior VIP insulation, providing optimal thermal protection for payloads
- Dedicated solutions for Refrigerated (+2°C to +8°C) and Frozen (-80°C) payload needs
- Extended hold times offering thermal protection for 120+hr shipment durations with hibernation capability
- Standardized range of payload sizes available: 5L, 8L, 16L and 35L
- Shipping delay protection with integration of telemetry and online customer portal access
- Lightweight design with integrated handles for hand-carry delivery applications
- Robust, reusable solutions designed for sustainability

Designed with the Cell & Gene commercialization process in mind

- Simplified product handling
- Integrated telemetry support
- Shipping delay protection
- Dedicated consulting services and support



Visit [csafeglobal.com](https://csafeglobal.com) to find the parcel solution that best meets your needs.

*Temperature assured. Life enhanced.*

## Assurance by CSafe

Our Cell & Gene solutions include Assurance by CSafe which offers dedicated consulting services and team support. We will consult with you through each phase to ensure an effective shipping process for your cell and gene product launch.

- Analysis of shipping lane and temperature data
- Identification of thermal shipper
- Integration of temperature monitoring and real time device
- Development of custom OQ protocol
- Coordination with speciality courier
- On site product training
- Collaboration on forecasting and inventory management
- Execution of retest and reuse program to meet sustainability initiatives

### 24/7 dedicated consulting services and team support:

- Account Manager
- Customer service & technical support
- Passive Technical Support Manager
- Product Manager
- Operational Sales Manager
- Packaging Engineers

## Client Journey:



Visit [csafeglobal.com](https://csafeglobal.com) to select the parcel solution that best meets your needs.

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