SW480 (3D Spheroid-Specific) Cell Complete Medium

Cat. No.: CM-0223-3D

Size: 125mL×4

General Information

Product Form	Liquid
Concentration	Ready-to-use
Components	Complete culture medium for SW480 (3D)
Bacterial detection	Negative
Fungal detection	Negative
Mycoplasmal detection	Negative
Endotoxin level	< 3 EU/mL
Shipping	Ice bag
Storage	-5~-20°C, shading light, After thawing, store at 2-8°C for up to 1 month
Expiration date	6 months

Product Introduction

The SW480 (3D Spheroid-Specific) Cell Complete Medium is an optimized, serum-free, sterile, ready-to-use medium. It is specifically developed to support the efficient formation, growth, and maintenance of three-dimensional (3D) tumor spheroids from SW480 human colon cancer cells under suspension conditions.

By precisely mimicking the microenvironment of cancer stem cells (CSCs), this product effectively enriches and selects SW480 CSC populations that possess self-renewal capacity and high tumorigenic potential. It serves as an ideal tool for studying colon cancer stem cell biology, drug resistance, tumor recurrence, and metastatic mechanisms, providing a reliable in vivo-like model for your preclinical research.

Notes

1. This product is only used for scientific research or further research, not for diagnosis and treatment.
2. All operations should be performed in a biological safety cabinet. Wear sterile gloves, a mask, and a lab coat. Maintain aseptic technique to avoid contamination.
3. Long term storage may result in slight precipitation. Gently invert the bottle to redissolve before use.
4. Use the product only within the indicated shelf life. Discard any expired product.
5. Avoid repeated freeze-thaw cycles.